## EXHIBIT K

Page 1

## UNITED STATES DISTRICT COURT SOUTHERN DISTRICT OF WEST VIRGINIA CHARLESTON DIVISION

IN RE: ETHICON, INC. : Master File

PELVIC REPAIR SYSTEM : No.

PRODUCTS LIABILITY : 2:12-MD-02327

LITIGATION

MDL NO. 2327

MARY K. WARD, et al

:

v. : CASE NO.

: 2:12-cv-02198

ETHICON, INC., et al.

;

August 11, 2016

Expert deposition of
KONSTANTIN WALMSLEY, M.D., taken pursuant
to notice, was held at Courtyard Marriott
West Orange, 8 Rooney Circle, West
Orange, New Jersey, beginning at 9:03
a.m., on the above date, before Kimberly
A. Cahill, a Federally Approved
Registered Merit Reporter and Notary
Public.

GOLKOW TECHNOLOGIES, INC. 877.370.3377 ph | 917.591.5672 deps@golkow.com

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     Johnson and Ethicon
12
13
14
15
16
17
18
19
20
21
2.2
23
24
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 5
     Testimony of: KONSTANTIN WALMSLEY, M.D.
 6
                                      8
      By Ms. Robinson
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 7
      By Ms. Santra
 8
 9
                  EXHIBITS
10
11
12
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                    DESCRIPTION
                                          PAGE
13
                                          6
      Walmsley
                     Notice of
14
      (Ward)-1
                     Deposition of
                     Konstantin
                     Walmsley, M.D.
15
                     Rule 26 Expert
16
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                                          6
                     Report of
      (Ward) - 2
                     Konstantin
17
                     Walmsley, M.D.
18
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      (Ward) - 3
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19
                     Walmsley
20
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                     Document Titled
                                          6
21
      (Ward)-4
                     "Materials
                     Reviewed"
22
      Walmsley
                     6/17/16 Encounter
                     Summary for Mary
      (Ward)-5
23
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24
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1	Walmsley	Transcript of the	7	
	(Ward)-6	7/28/16 Deposition		
2		of Geoffrey		
		DeLeary, M.D.		
3				
	Walmsley	Draft Transcript of	7	
4	(Ward) -7	the 8/8/16		
		Deposition of		
5		Robert Highland,		
		M.D.		·
6			F	
7		·		
8				
9				**************************************
10				
11				
12				
13			•	
14				
15				
16				
17				,
18				
19				
20				
21				
22				
23				
24				
				in the second se

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4
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5
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17
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20
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24
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 1
2
                   (Deposition Exhibit No.
 3
            Walmsley (Ward) -1, Notice of
 4
            Deposition of Konstantin Walmsley,
            M.D., was marked for
            identification.)
 6
                   (Deposition Exhibit No.
 8
            Walmsley (Ward) -2, Rule 26 Expert
 9
            Report of Konstantin Walmsley,
10
11
            M.D., was marked for
            identification.)
12
13
                   (Deposition Exhibit No.
14
            Walmsley (Ward) -3, 11/20/15
15
            Curriculum Vitae of Konstantin
16
17
            Walmsley, was marked for
            identification.)
18
19
20
                   (Deposition Exhibit No.
            Walmsley (Ward) -4, Document Titled
21
            "Materials Reviewed", was marked
22
23
            for identification.)
24
```

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Page 7
                   (Deposition Exhibit No.
 1
 2
            Walmsley (Ward) -5, 6/17/16
 3
            Encounter Summary for Mary Ward,
            was marked for identification.)
 4
                   (Deposition Exhibit No.
 6
            Walmsley (Ward) -6, Transcript of
 7
            the 7/28/16 Deposition of Geoffrey
 8
            DeLeary, M.D., was marked for
10
            identification.)
11
                   (Deposition Exhibit No.
12
            Walmsley (Ward) -7, Draft
13
            Transcript of the 8/8/16
14
            Deposition of Robert Highland,
15
            M.D., was marked for
16
            identification.)
17
18
                   KONSTANTIN WALMSLEY, M.D.,
19
20
            after having been duly sworn, was
            examined and testified as follows:
21
22
23
                     EXAMINATION
24
```

```
Page 8
     BY MS. ROBINSON:
 1
 2
                   Doctor, will you please
            0.
 3
     state your full name for the record?
 4
            Α.
                   Konstantin Walmsley.
                   You understand that you're
            0.
     under oath and you've sworn to tell the
 6
     truth here today just as if you were
 7
     sitting in a court of law; is that
 8
 9
     correct?
10
                   Yes, ma'am.
            Α.
11
            Q.
                   Doctor, you have been hired
     by the Motley Rice firm in the case
12
     involving Ms. Mary Ward; is that correct?
13
                   That's correct.
14
            Α.
15
                  And she was implanted with
            Q.
16
     the TVT mid-urethral sling device in June
17
     of 2005; correct?
18
            Α.
                   Yes.
                   And that is an Ethicon
19
            Q.
     product; correct?
20
21
            Α.
                   Yes.
22
            Q.
                   What were you asked to do
     specifically with regard to Mrs. Ward's
23
24
     case?
```

```
Page 9
                  I was asked to review
 1
            Α.
     medical records relating to her care.
 2
     addition, I was asked to perform an
 3
     independent medical examination of this
 4
     patient, and I was also asked to generate
 5
 6
     a report based on my findings.
 7
            Q.
                  And did you do that?
            Α.
                  Yes, I did.
 8
                  When were you first
 9
            0.
     contacted by Motley Rice?
10
11
                  Originally, in early April.
            Α.
12
            0.
                  Early April and in 2016?
13
                  When you say contacted by
            Α.
     Motley Rice, are you regarding -- are you
14
     talking about Mrs. Ward specifically or
15
16
     about other work?
                  That's a good question.
17
                                             So
            0.
18
     with regard to Mrs. Ward specifically,
19
     when were you first contacted by Motley
20
     Rice?
21
                  That was probably more in
            Α.
22
     the late May to early June scenario,
23
     somewhere around there.
24
                  And you say, sometime in
            Q.
```

```
Page 10
     April, you were first contacted.
 1
     you first contacted by Motley Rice to
 2
 3
     offer opinions involving mesh litigation?
 4
           · A .
                  That's the first time they
     asked me to provide opinions regarding
 5
 6
     Ethicon-based mesh litigation.
                  Have you offered opinions
 7
            Q.
     for Motley Rice in cases involving other
8
     mesh products?
 9
10
            Α.
                  I have not.
11
            Q.
                  So has your testimony been
     limited only to -- so far, has your
12
13
     testimony been limited only to Ethicon
     products?
14
15
                  With regards to Motley Rice,
            Α.
16
     yes, that's true.
17
                  And have you offered expert
            0.
     services for any other law firms suing
18
19
     companies that manufacture mesh?
20
                                I'm going to
                  MS. SANTRA:
21
            object to the form as this is
22
            general in nature and we're here
            for the case-specific opinions on
23
24
            Ms. Ward.
```

```
Page 11
                  THE WITNESS: Should I
 1
 2
            answer the question?
 3
                  MS. ROBINSON: Yes --
 4
                  MS. SANTRA: You can answer.
                  MS. ROBINSON: -- go ahead
            and answer the question, Doctor.
                  THE WITNESS: I'm sorry.
 7
 8
           Yes.
     BY MS. ROBINSON:
 9
                  And what other products have
10
            Ο.
     you offered expert testimony about,
11
    mesh-related products?
12
13
                  MS. SANTRA: Object to the
14
            form.
15
                  THE WITNESS: Bard, Bard
16
            Avaulta, and Bard Align TO; Boston
            Scientific, I believe the Uphold
17
18
            device, the AMS Elevate device --
     BY MS. ROBINSON:
19
20
            Q. Any others?
21
                  As I sit here today, I don't
            Α.
22
     recall any others.
                  When did you first start
23
            Q.
24
     consulting as an expert in mesh
```

```
Page 12
     litigation overall?
 1
 2.
                  MS. SANTRA: I object to the
 3
            form.
                   Susan, does this have
 4
            anything to do with Ms. Ward?
            going to have to at some point
            instruct him not to answer.
 6
                  MS. ROBINSON: Can he answer
 7
 8
            that question?
 9
                  MS. SANTRA: Sure.
                  THE WITNESS: I believe
10
11
            roughly around 2013.
     BY MS. ROBINSON:
12
13
                  Doctor, part of my reason
            Ο.
     for asking this question is because in
14
     the past and currently, I've never been
15
16
     provided with a list of the testimony
17
     that you have provided in your cases, and
     I keep trying to get counsel to provide
18
     me with that list, but I don't have it.
19
20
                  Have you ever prepared a
     list of the testimony that you have given
21
22
     in the last four years?
23
            Α.
                  Yes.
                  Have you provided that list
24
            Q.
```

```
Page 13
    to Motley Rice?
 2
            Α.
                  Yes.
 3
            Q.
                  Do you know why it was not
    produced to me as a part of Mrs. Ward's
 4
 5
     report?
                  MS. SANTRA: I object to the
 6
            form. Susan, I can get that for
 7
            you today.
 8
 9
                  MS. ROBINSON: Okay. If you
            can e-mail that to me while we're
10
            doing the deposition, that would
11
12
            be great.
                  MS. SANTRA: Okay. I'll
13
14
            have to...
15
     BY MS. ROBINSON:
                  So, Doctor, Exhibit No. 1 in
16
            Q.
     front of you is your Notice of
17
     Deposition; correct?
18
            Α.
19
                  Yes.
                  And that's a familiar form
20
            0.
     to you; is that correct?
21
22
            Α.
                  Yes.
23
                  And it requests that you
            0.
     bring certain documents and records to
24
```

```
Page 14
     the deposition. Did you bring anything
 1
2
     with you today?
 3
                  The only thing I brought
            Α.
 4
     with me today was my computer on which I
 5
     have most of the document requests you've
     asked for in this form.
 6
                  Other than the medical
 7
            Q.
     records that are listed on -- let me go
8
     ahead and your -- Exhibit No. 2 in front
 9
10
     of you should be your report; is that
11
     correct?
                  Yes.
12
            Α.
                  And on page 2 of your
13
            Q.
     report, it continues onto page 3, there
14
     is a list of medical records you reviewed
15
16
     in Mary Ward's case.
17
                  Do you see that?
18
            Α.
                  Yes.
                  Other than those medical
19
            0.
     records, have you reviewed any other
20
21
     materials in preparation for her -- I'm
22
     sorry. Strike that. Let me reask that
23
     question.
                  Other than these medical
24
```

```
Page 15
     records, have you reviewed any other
 1
    medical records that you utilized to
2
3
     formulate your opinions in Ms. Ward's
 4
     case? `
                  I have reviewed some
            Α.
     additional medical records that were
 6
     provided to me by counsel.
7
            O. And what medical records
8
     would these additional records be?
 9
                  MS. SANTRA: I can -- I can
10
11
            send you a link to the records
            we've sent Dr. Walmsley, if that
12
13.
            is helpful.
                  MS. ROBINSON: When you say
14
            "link," what are you referring to?
15
                  MS. SANTRA: A share file
16
17
            link to the -- all the records
18
            that we have sent Dr. Walmsley.
19
                  MS. ROBINSON: Okay.
20
     BY MS. ROBINSON:
                  And, Doctor, were -- these
21
            0.
22
     additional records that you're talking
     about today, were they received after you
23
     wrote your report and formulated your
24
```

```
Page 16
     opinions?
 1
 2
            Α.
                   Yes.
 3
            Ο.
                   Did those medical records
 4
     that you reviewed after writing your
 5
     report change your opinions in any
 6
     respect?
 7
            Α.
                   No.
                   Now, on page 3 of your
 8
            Ο.
     report, it lists that you reviewed the
 9
     depositions of Mary Ward and Jeffrey
10
11
     Ward; correct?
12
            Α.
                   Yes.
13
            Q.
                   Since writing your report
     and formulating your opinions in this
14
15
     case, have you reviewed any other
16
     deposition testimony?
17
            Α.
                   Yes.
                   Have you reviewed the
18
            Ο.
19
     deposition testimony of Dr. DeLeary?
20
            Α.
                   Yes.
21
                   And you understand he was
            0.
     her -- the physician that implanted the
22
23
     TVT device; correct?
24
            Α.
                   Yes.
```

```
Page 17
                  Did anything that you read
 1
            Q.
     in Dr. DeLeary's deposition alter your
 2
     opinions in any way?
 3
 4
            Α.
                  No, ma'am.
                  Did anything you read in Dr.
 5
            0.
     DeLeary's deposition strengthen or weaken
 6
 7
     your opinions in any way?
 8
                  MS. SANTRA:
                                Object to form.
                  THE WITNESS: No, not
 9
10
            especially.
     BY MS. ROBINSON:
11
12
            Q.
                  When you say "not
     especially," is there anything in
13
     particular you have in mind when you make
14
15
     that qualification?
16
                  Well, it was a little bit of
            Α.
     a broad question insofar as I'm thinking
1.7
18
     of elements that were weakening or
     elements that were strengthening; and I
19
     definitely didn't find any elements that
20
21
     would weaken it, but as I sit here today
22
     and think about the other part of that
23
     question, I don't specifically remember
24
     any elements of that deposition that
```

```
Page 18
     would have, let's say, galvanized a
 1
     particular opinion I put forth in my
 2
 3
     report.
 4
            Q.
                  Okay.
                  With regard to Dr. Highland,
 5
     have you had the opportunity to review
 6
     his transcript?
 7
            Α.
 8
                  Yes.
                  Did the deposition testimony
 9
            0.
     of Dr. Highland change or alter your
10
11
     opinions in any way?
                  Not especially, no.
12
            Α.
13
            0.
                  And when you say "not
     especially, " again, what do you mean by
14
15
     that qualification?
16
            Α.
                  There weren't any particular
     findings or passage in his deposition
17
18
     that would lead me to say, to a
     significant degree, well, maybe this
19
     calls to question my opinion in my
20
21
     report.
22
                  And the flip-side is true.
     There was nothing in his deposition that
23
24
     would otherwise have gone the other way
```

```
Page 19
1
     around there.
                  Have you read any other
 2.
            Ο.
3
     deposition testimony --
            Α.
                  I have not.
 4
 5
            0.
                  Have you seen the expert
 6
     report of Dr. Matthews?
7
            Α.
                  Yes.
                  You did not file a rebuttal
8
            Ο.
     to her expert report; is that correct?
 9
10
            Α.
                  That's correct.
                  Other than, obviously, you
            Q.
11
12
     and Dr. Matthews disagree as to ultimate
     opinions, was there anything in Dr.
13
     Matthews' report that caused you specific
14
15
     concern?
                  MS. SANTRA: Object to form.
16
                   THE WITNESS:
17
                                 No.
18
     BY MS. ROBINSON:
19
            Q.
                   Exhibit 2, which is your
     final report, does it contain all of your
20
     opinions and the basis for those opinions
21
     that you intend to give in this case?
22
23
            Α.
                   Yes.
24
                  Now, Exhibit No. 4 in front
            Q.
```

Page 20 of you has been identified as your 1 reliance materials. Can you describe for 2 me just in general what that material is? 3 4 Α. Yes. So it's a three-page 5 document listing materials reviewed, in part depositions of medical providers and 6 7 also depositions of patients and perhaps their spouses, instructions for use, the 8 plaintiff fact sheet, incorporated 9 materials, and then also about a 10 two-and-a-half-page list of medical 11 12 literature. 13 Is there any specific 0. medical literature that you have 14 15 identified on Exhibit No. 4 that you relied upon in Mrs. Ward's case? 16 MS. SANTRA: Object to form. 17 18 THE WITNESS: Well, I mean, 19 I really relied upon the whole body of work, so -- I mean, if 20 21 you're asking me is there one 22 particular article that is by far and away the one standout article 23 24 that I think strengthens Mrs.

		Page 21
1	Ward's report, it would be hard	
2	for me to identify just one	
3	article.	
4	BY MS. ROBINSON:	
5	Q. Okay.	
6	And another part of that	
7	question I would ask you is whether there	
8	is any one particular complaint or injury	
9	that Mrs. Ward suffered that, in the	
10	review of your material, that you relied	
11	more upon one particular literature than	
12	another?	
13	MS. SANTRA: Object to form.	
14	THE WITNESS: That's a bit	
15	of a challenging question only	
16	because I've never kind of had a	
17	question like that posed to me in	
18	that fashion.	
19	And it's very hard for me as	
20	I sit here today to point to one	
21	or two articles that would	
22	necessarily correlate with the one	
23	particular symptom that I would	
24	pick out as being the most	•

		Page	22
1	compelling symptom based on the		
2	literature.		
3	And the reason I say that is		
4	because, I mean, generally		
5	speaking, as it relates to Mrs.		
6	Ward, she has pelvic pain. She		
7	has dyspareunia and she has		
8	voiding dysfunction.		
9	And the articles in my		
10	reliance list, some of them focus		
11	on mesh retraction. Some of them		
12	focus on clinical complications.		
13	Some of them focus on		
14	mesh-specific properties such as		
15	retraction and such.		
16	So it's difficult for me to,		
17	first off, point to one particular		
18	complaint she has that I think is		
19	the most compelling complaint and		
20	then, second off, you know,		
21	identify one, two, or three		
22	articles that speak to that		
23	particular complaint, because they		
24	all kind of interweave as I form		

```
Page 23
1
            my opinions.
     BY MS. ROBINSON:
 2
                  Doctor, when was mesh
3
            Ο.
     retraction or contracture first reported
 4
     on in the medical literature?
 5
 6
                  MS. SANTRA: Object to form.
            This goes to general opinion.
                  THE WITNESS: Well, that's a
            very difficult question to answer,
            because with regard to my
10
            references, for example, many of
11
12
            my references that discuss mesh
            retraction date to a period of
13
            time after 2009-2010.
14
                  That being said, I'm sure if
15
            I was put to task, I could find
16
            articles that go back to prior
17
            times that describe mesh
18
19
            contraction.
20
     BY MS. ROBINSON:
                  Doctor, are you aware of any
21
            Q.
     literature that describes mesh retraction
22
23
     as early as the 1980s?
                  As we sit here today, I am
24
            Α.
```

```
Page 24
    not aware of that.
 1
 2
                  Are you aware of any
            Ο.
     scientific literature that reports upon
 3
 4
     mesh retraction as early as the 1990s?
 5
                  MS. SANTRA: Object to form.
 6
            This is general again.
                  MS. ROBINSON: Well, I'm
 7
            specifically asking you about your
 8
            reliance list and the material you
            relied upon for Mrs. Ward's case,
10
11
            and I believe that --
12
                  MS. SANTRA: You're asking a
13
            very general question about what
            literature came out in 1990.
14
                  MS. ROBINSON: You know,
15
16
            there is no real prohibition about
17
            me asking him general questions.
18
            I mean, the prohibition is about
19
            me going over material that he's
            testified to ad nauseam on
20
            multiple occasions. I don't and
2.1
22
            haven't seen where he's testified
            about this material.
23
                  So your objection, while I
24
```

```
Page 25
            appreciate it, isn't -- you know,
 1
 2
            just because it's a general
 3
            question doesn't mean it's
 4
            prohibited.
                  And, Doctor, I'm asking you
            specifically whether physicians
 6
            who were implanting mesh as of
 7
            2005 would have known that mesh
 8
            retraction and contracture was
 9
            reported in the medical
10
11
            literature.
                                Object to form.
12
                  MS. SANTRA:
13
                  You can answer.
                  THE WITNESS: That's
14
15
            obviously a different question
            insofar as now we're dealing with
16
17
            a different time period; correct?
                  MS. ROBINSON: Well, yeah,
18
            but that's essentially what I'm
19
            getting at. Okay?
20
21
     BY MS. ROBINSON:
22
                  And so let's step back again
            0.
     and let me ask the question.
23
                  In the years of -- in the
24
```

		Page 26	
1	1990s, was mesh retraction reported in		
2	the medical literature?		
. 3	MS. SANTRA: Object to form.		
4	THE WITNESS: You know, in		
5	the 1990s, I was finishing medical		
6	school and just about to, you		
7	know, start my urology residency.		
8	So certainly realtime back then,		
9	it was not something I faced or		
10	dealt with in clinical practice		
11	and, you know, when I first		
12	started using pelvic mesh for the		
13	management of stress urinary		
14	incontinence, which was in		
15	2000-2001, my knowledge of mesh		
16	retraction currently I mean, it		
17	existed back then. It existed		
18	primarily because my teaching		
19	implanting surgeons and even key		
20	opinion leaders who were at some		
21	of the sling workshops I attended		
22	described that there was a mesh		
23	contraction process of about 10 to		
24	20 percent depending upon the		

```
Page 27
            sling used.
 1
                  So I don't know if that
 2
 3
            answers your question as it
            relates to is there medical
            literature speaking to that, but
            it was certainly common knowledge
 6
 7
            to me in my training that this was
            a phenomenon that not only
 8
            existed, but called for us to use
 9
            tension-free placement.
10
     BY MS. ROBINSON:
11
                  And you're a urologist;
12
            Ο.
13
     correct?
                Yes, ma'am.
14
            Α.
                  And your training was as a
15
            0.
16
     urologist; correct?
17
                  With an additional year of
            Α.
     fellowship training that was female
18
19
     urology-specific, yes.
20
                  And do you have any reason
            0.
21
     to believe that other urologists who were
22
     performing stress urinary incontinence
23
     surgical procedures would not have been
     aware of the fact that there was mesh
24
```

```
Page 28
1
     contracture and retraction in the year
2
     2005?
                  MS. SANTRA: Object to form.
3
                  THE WITNESS: Well, I mean,
 4
 5
            I can only speak for myself.
            was my breadth of education and
 6
            experience. You know, perhaps
 7
            there were other urologists that
 8
            looked at different medical
1.0
            literature or had a different
            basis of understanding, but it was
11
12
            understood to me in that fashion.
     BY MS. ROBINSON:
13
14
                  And that the contracture
            Ο.
15
     could be up to 20 percent?
16
                  Yeah, the description was
     anywhere from 10 to 20 percent
17
18
     contraction. That was really, to my
19
     understanding, multifactorial. It wasn't
     simply just the actual mesh itself
20
     contracting. It wasn't the fact that the
21
22
     polypropylene wasn't inert, but it also
     related to wound healing and wound
23
     contraction, which can cause a shrinkage
24
```

```
Page 29
1
     effect as well.
                  And has your understanding
 2
            Q.
     about that changed in any respect up to
3
     today?
 4
                  To some extent, yes.
 5
            Α.
 6
            Q.
                  In what way?
                  In that I didn't correlate,
            Α.
     at least not back in 2005, the mesh
8
     retraction properties and their effects
 9
     on things such as vaginal pain.
10
                  And is that the only way?
11
            0.
                  Also with overactive bladder
12
            Α.
13
     symptoms. It wasn't just pain, per se.
     It was voiding dysfunction.
14
15
                  Were you aware in 2000 and
            0.
     -- 2000 and 2001 and 2005 that such
16
     things as pain and voiding dysfunction
17
     could be associated with the placement of
18
19
     a TVT?
                  MS. SANTRA: Object to form.
20
21
                  THE WITNESS:
                                 Yes.
22
     BY MS. ROBINSON:
                  And so what you're telling
23
            Q.
     me is that you had not fully appreciated
24
```

```
Page 30
     the mechanism of the mesh through the
 1
     contracture or retraction vis-a-vis the
 2
     pain and the overactive bladder; is that
 3
 4
     what you're saying?
 5
                  MS. SANTRA: Object to form.
                  THE WITNESS: I quess --
 6
 7
            yeah, I quess what I'm saying --
            and perhaps this is the same way
 8
            of saying it in different words --
10
            is that inasmuch as I was aware of
            the properties of mesh retraction,
11
12
            I wasn't necessarily aware that
13
            that particular process led to end
14
            results, some of those end results
15
            being pain and voiding
16
            dysfunction.
17
     BY MS. ROBINSON:
                  But you were also aware --
18
            0.
19
     while you were not specifically aware of
     the properties, you were, in fact, aware
20
     of the end result could be the risk of
21
22
     implanting TVT would be pain as well as
23
     voiding dysfunction; correct?
24
                  MS. SANTRA: Object to form.
```

```
Page 31
 1
                  THE WITNESS:
                                 That was an
            understanding of that surgery at
 2
            that time, that's correct.
 3
     BY MS. ROBINSON:
 4
 5
                  So, Doctor, your C.V. is in
            0.
     front of you and it's marked as Exhibit
 6
 7
     No. 3?
            Α.
                 Yes.
 8
                  And I believe it's dated as
 9
     of November of 2015. Do you have a more
10
     recent C.V.?
11
12
            Α.
                  I actually do have one that
     I don't believe I've actually submitted
13
     as yet, but I recently updated it, not on
14
     the basis of my urological practice, but
15
     on the basis of some of my
16
     extracurricular activities.
17
18
                  MS. ROBINSON: And,
19
            Hayleigh, I would request a copy
            of his updated C.V.
20
                  THE WITNESS: I can do that.
21
22
                  MS. SANTRA: Sure.
23
     BY MS. ROBINSON:
24
                  Doctor, between the time
            Q.
```

```
Page 32
     period of November of 2015 up until
 1
 2.
     today, have you written any articles
 3
     regarding stress urinary incontinence?
            Α.
                  No.
            0.
                  Have you written any
 6
     articles regarding mesh?
 7
            Α.
                  No.
 8
            0.
                  Or polypropylene.
            Α.
                  No.
                  Have you written any
10
            0.
11
     articles on pelvic floor dysfunction
     whatsoever in that time period?
12
13
            Α.
                   No.
                   Are there any -- other than
14
            Ο.
15
     you said some of your activities, are
16
     there any other substantive materials or
17
     work that you would have done between
18
     November 2015 and today that reflect on
19
     your expertise here testifying as a
20
     urologist in a stress urinary
21
     incontinence case?
22
            Α.
                   No.
                   Is your fee still $500 an
23
            Q.
24
     hour for the work you perform?
```

```
Page 33
            Α.
                  Yes.
1
 2
                  Have you submitted any
            Q.
 3
     invoices in Mrs. Ward's case?
                  I have.
 4
           · A.
                  MS. ROBINSON: Hayleigh, can
 5
            I get a copy of the invoices that
 6
            have been submitted?
 7
                  MS. SANTRA: Yes.
 8
 9
     BY MS. ROBINSON:
10
            Q.
                  Can you give me an estimate
     of how much time you've spent overall in
11
12
     Mrs. Ward's case to date?
13
                  Yes, I can. I spent roughly
            Α.
     eight hours reviewing the initial salvo
14
     of medical records and another roughly
15
     three hours preparing the report; and
16
     then in terms of my additional review for
17
18
     this deposition, I've spent roughly an
     additional three hours reviewing some
19
     additional medical records, depositions,
20
     and then Dr. Matthews' expert report.
21
                  How long did the IME take?
22
            Q.
23
            Α.
                  Roughly 45 minutes.
24
                  And I understand that you
            Q.
```

```
Page 34
     bill through your practice for that?
 1
 2
                  My practice bills for that
            Α.
 3
     service, that's correct.
 4
           . O.
                  Approximately how much does
     that service cost?
 5
 6
            Α.
                  $350.
 7
                  Do you anticipate spending
            Q.
     any more time on Mrs. Ward's case until
 8
     such time as it may be set for trial?
 9
                  Possibly in terms of
10
            Α.
11
     reviewing the deposition. That would be
     the only additional work at this point I
12
     could envision.
13
                  And that's your own
14
            Ο.
15
     deposition you're talking about. Right?
16
            Α.
                  Yes, ma'am.
17
                 Doctor, let's turn to
            Ο.
     Exhibit No. 5, please.
18
                   (Witness complies.)
19
            Α.
                  That's your medical
20
            0.
     examination of Mrs. Ward; is that
21
     correct?
22
23
               Yes, ma'am.
            Α.
24
            Q.
                  And that is a five-page
```

```
Page 35
     document?
 1
 2
            Α.
                  Yes.
 3
            Ο.
                  Did Mrs. Ward fill out any
     patient questionnaires before her
 4
 5
     examination by you?
 6
            Α.
                  No.
 7
                  Did you make any handwritten
            Ο.
     notes either of your review of her
8
 9
     medical records prior to writing your
10
     report or during her medical examination?
                   I did not.
11
            Α.
12
                   Did Mrs. Ward bring any
            0.
13
     documentation to her appointment with
     you, either things like voiding diaries,
14
     her medical records, anything of that
15
16
     nature?
17
            Α.
                  No.
18
                  You examined her in your
            0.
     office in New Jersey; is that correct?
19
20
            Α.
                   Yes.
21
                   She did not make any
            0.
     complaints to you of having any
22
23
     difficulty due to any physical
     limitations or pain in traveling to North
24
```

```
Page 36
     Carolina -- or from North Carolina to be
 1
     examined by you; is that correct?
2
                                Object to form.
 3
                  MS. SANTRA:
 4
                  THE WITNESS: I don't
 5
            specifically recall such.
 6
     BY MS. ROBINSON:
 7
            0.
                  If she had made any such
     complaints and they were relevant to her
 8
     mesh litigation, that's something you
 9
10
     would have noted in your medical exam
11
     report; is that correct?
                  I would think so, yes.
12
            Α.
13
                  Before you saw her for your
            0.
     medical examination, what material had
14
15
     you reviewed in her case?
16
            Α.
                  Nothing.
17
                  You had not reviewed any of
            0.
     her medical records before June 17th of
18
19
     2016?
20
                  Generally speaking, what I
            Α.
     like to try to do -- I don't do this with
21
22
     every patient, but I almost would prefer
     to see them and perform the IME in the
23
24
     absence of any medical records just so I
```

Page 37 could have a more innocent, if you will, 1 blank slate kind of opinion of the 2 3 patient. 4 · O. And you have a specific 5 recollection in this case you didn't review anything before her examination. 6 7 I don't specifically Α. recollect reviewing records before this 8 9 particular individual, no. 10 Can you tell me how the 11 examination is conducted? What happens first and so forth? 12 Certainly. So the patient 13 Α. comes to the office. There is an 14 inventory or intake of the patient 15 16 performed by my medical assistant. 17 During that time, the patient's pharmacy 18 information is taken, the medications they're taking are recorded, vital signs 19 20 are measured, the past medical and past 21 surgical history is noted in the electronic health record. 22 There is inventory of social 2.3 history, family history, and review of 24

Page 38 systems that's provided by my medical 1 assistant, and then the urine analysis is 2 3 also -- the dipstick, that is, is -- that 4 data is entered. Once that's done, the 5 patient comes back to an examination room 6 7 and then I will come in and interview the patient. During the interview, I, 8 . 9 generally speaking, document and record as much information as possible and 10 11 certainly the information that I feel is 12 relevant. After the interview is 13 14 completed and all the questions have been 15 asked, I step out of the room, have the 16 patient change, come back and perform a 17 chaperoned examination of the patient that's documented and, in certain 18 instances, will also check the -- what's 19 20 called the postvoid residual of that 21 patient, in other words, how much urine is left behind in their bladder after 22 23 they pee. 24 Following the physical

```
Page 39
     examination having been performed, I then
 1
     complete the independent medical record
 2
3
     with an assessment and, if applicable, a
 4
     plan.
                  You say, "if applicable, a
 5
            Q.
 6
     plan."
                  Correct.
 7
            Α.
                  What do you mean by that?
 8
            0.
                  Well, in a lot of instances,
            Α.
 9
     when I see patients such as Mrs. Ward,
10
11
     I'm not necessarily their treating
     physician, so I don't necessarily
12
13
     actively manage the problems they pose to
14
     me.
15
                  So the plan would be if you
            Ο.
16
     have -- in the ordinary course of your
17
     work, if you're seeing a patient that
     you're treating, a plan would be what are
18
19
     the next steps essentially.
20
                  That's correct.
            Α.
21
                  Could that plan include
            0.
22
     follow-up testing in order to confirm
     your preliminary diagnosis?
23
24
            Α.
                   In certain instances.
```

```
Page 40
                  And with regard to patients
 1
 2
     that you're seeing as an expert, are --
 3
     do vou formulate such a plan for them?
 4
           · A .
                  Usually not.
 5
            Ο.
                  So in Mrs. Ward's case,
     would there be any follow-up testing that
 6
 7
     you would recommend, that you did not
     recommend, if she had been your patient?
8
                  MS. SANTRA:
                                Object to form.
 9
10
                  THE WITNESS:
                                 Not
            necessarily.
11
12
     BY MS. ROBINSON:
13
                  And what's the qualification
            Ο.
14
     you have on that?
15
                  Well, I mean, certainly
            Α.
16
     gaining more information on a patient can
     be helpful in certain instances. So, you
17
18
     know, for example, if a treating
     physician taking care of Mrs. Ward
19
     decided to, let's say, order a
20
21
     urodynamics test or perform cystoscopy or
22
     recommend that, I wouldn't necessarily
23
     fault the physician for ordering that
24
     type of test or evaluation.
```

```
Page 41
                  As it relates to me, I'm not
 1
     sure if either of those two tests as an
 2
 3
     example would have led to either a change
 4
     in my opinion or, if I was actively
 5
     treating the patient, a change in my plan
 6
     of treating her.
 7
                  So speaking for my own
 8
     personal instance as a treating
     physician, which I'm not in this case, if
 9
     you're asking me if I would have ordered
10
     those types of tests or any additional
11
12
     tests, I probably would not have.
13
                  Are there any tests that if
            Q.
     you were a treating physician that you
14
15
     would have ordered for her?
16
                  MS. SANTRA: Object to form.
                  THE WITNESS: Not right
17
18
            away, but possibly, yes.
19
     BY MS. ROBINSON:
                  And what possibly would you
20
            Q.
     have ordered later?
2.1
22
                  I might have found, for
            Α.
23
     example, in her, a urodynamics test to be
24
     helpful.
```

Page 42 And for what reason? 1 Ο. Well, one thing interesting 2 Α. about Mrs. Ward is, she has fairly severe 3 incontinence and it's mixed incontinence. 4 She describes having urinary urgency 5 6 incontinence, but also stress 7 incontinence. If conservative measures at 8 9 treating her incontinence were not to 10 work, a urodynamics test might help explain the real nature of her voiding 11 dysfunction as far as, for example, which 12 type of incontinence predominates. 13 14 You indicated she has severe 15 incontinence. How do you classify her current complaints of incontinence as 16 17 severe? So her incontinence is 18 Α. 19 severe to my mind on two findings, on two bases: First off, it's a significant 20 21 quality of life bother for her. Second off, it's different and worse, in fact, 22 than it was prior to her sling surgery by 23 24 account of the patient.

```
Page 43
                  And when you say different
1
            0.
     and worse by account of the patient,
2
     you're saying, is that based solely upon
 3
     her description of her current
     complaints?
 5
                  Well, I quess it's about her
 6
            Α.
     description and her relating that to me
7
     and my documentation of such. I mean,
 8
9
     she told it to me in our IME that it was
     worse and I believe she also stated that
10
     in her deposition.
11
12
            0.
                  But you have not done any
     testing that would -- well, strike that.
13
     Let me ask this question.
14
15
            Α.
                  Sure.
                  She had a cystoscopy prior
16
            0.
17
     to her sling procedure in 2005; is that
18
     correct?
19
                  Yes, she did.
            Α.
                  Did she have urodynamics at
20
            0.
21
     that time as well?
22
                  Yes, she did.
            Α.
23
                  If you had performed those
            Ο.
24
     two tests, is there any way in comparing
```

```
Page 44
     those two tests that you would be able to
 1
     make an objective determination as to
 2
 3
     whether her problems today are different
 4
     or worse than they were in 2005?
                  I think it's possible to do
 5
            Α.
 6
     that, yes.
                  But that has not been done;
 7
            Q.
 8
     correct?
                  MS. SANTRA: Object to form.
 9
                  THE WITNESS: Not by me, it
10
11
            has not.
     BY MS. ROBINSON:
12
13
                  And how is it possible? Can
            Q.
     you please describe for me what might be
14
15
     shown today if you were to perform those
16
     two tests?
17
                  Well, obviously it's very
            Α.
     hard for me to know that since they've
18
     not been done, but I mean, the way those
19
20
     tests, if they were performed today,
     could possibly be helpful is if they
21
22
     showed different findings from what was
     seen in 2005.
23
24
                  And those findings could
            Q.
```

		Page	45
1	relate to showing you whether at this		
2	point in time her overactive bladder		
3	symptoms are worse today than what they		
4	were in 2005; is that correct? Is that		
5	one way?		
6	MS. SANTRA: Object to form.		
7	THE WITNESS: I think they		
8	could help, but, you know,		
9	urodynamics tests are a little bit		
10	challenging because we're asking		
11	what we're trying to do is		
12	essentially recapitulate normal		
13	bladder function in patients who		
14	are essentially sitting on a		
15	commode.		
16	The only issue is, they're		
17	sitting on a commode with		
18	catheters in their urethras and		
19	recti. They have patches on them.		
20	They're being visualized, so it		
21	can provide a lot of helpful		
22	information.		
23	But there are nuances to		
24	doing the procedure that sometimes		

```
Page 46
            make the kind of comparison or
 1
 2
            differentiation you're speaking of
 3
            somewhat more difficult to put
           forth.
 4
 5
     BY MS. ROBINSON:
                  Okay. Let's go back to
 6
            Ο.
     Exhibit No. 5, please. Do I understand
 7
 8
     then in looking at this report that
 9
     everything up to the HPI was information
10
     that the patient provided to your
11
     assistant?
                  Yes, with the exception of
12
            Α.
     medications. The medications are
13
14
     automatically populated because of
15
     electronic reviews of pharmacy
     prescribing, so the medications are
16
     auto-populated, but everything else is
17
     provided by my medical assistant.
18
                  And who was your medical
19
            Ο.
20
     assistant in this case?
21
                  Quite frankly, I don't
            Α.
22
     remember who it was.
                           It was one of three
23
     people.
                  When you look at page 1 of
24
            Q.
```

```
Page 47
     this report, under US, bladder, does that
 1
 2
     reflect that an ultrasound was performed
 3
     of her bladder?
 4
            Α.
                  Yes.
                  And that's something that
            Ο.
     you performed yourself?
 6
 7
            Α.
                  Yes.
                  Did you do that after she
 8
            Q.
 9
     had voided?
10
            Α.
                  Yes.
            Q. How long after she had
11
     voided?
12
                  Probably within about 15
13
            Α.
14
     minutes.
                  And her postvoid residual is
15
     15 milliliters; is that correct?
16
17
            Α.
                  Yes.
18
                  What does that show?
            Ο.
                  That shows that she empties
19
            Α.
     her bladder fairly well, very well.
20
                   I'm sorry? I missed that
21
            Ο.
22
     last part.
23
                   It indicates that she
            Α.
24
     empties her bladder very well.
```

```
Page 48
                  And does that indicate to
            0.
 1.
 2
     you that she does not have any
 3
     obstruction of her bladder or urethra?
 4
           · A .
                  Not necessarily.
                  Can you explain that to me?
 5
            Ο.
                  Yes. So postvoid residual
 6
            Α.
     can be really a reflection of two
 7
     different phenomena, one being the degree
 8
 9
     of obstruction or restriction at the
     level of the bladder outlet. The other
10
     can be a reflection of bladder strength,
11
12
     the muscular strength of the bladder that
     allows the bladder to push fluid out.
13
14
                  So with regard to
            Ο.
     obstruction of the bladder outlet, is
15
     that something that -- well, let me just
16
17
     ask it this way: Based on your
     examination of Mrs. Ward, does she have
18
     obstruction of her urethra?
19
20
            Α.
                  It's hard to answer that
     question. I think it's possible.
21
22
                  But you're not able to
            Q.
23
     testify to a reasonable degree of medical
     certainty that Mrs. Ward's urethra is
24
```

```
Page 49
     obstructed by the TVT; is that correct?
 1
 2
                  I would agree with that.
            Α.
 3
            0.
                  With regard to her bladder
 4
     strength, are you able to say that --
     well, what does this test tell you with
 5
     regard to her bladder strength, if
 6
 7
     anything?
                  Well, it certainly indicates
            Α.
 8
     to me that her bladder is not
 9
10
     underactive.
                  Does it tell you anything as
11
            0.
     to whether her bladder is overactive, the
12
13
     postvoid residual test?
                  It can be part -- it can be
14
15
     part of the data needed to confirm that,
16
     yes.
                  And does this amount of
17
            0.
     postvoid residual show any indication
18
     that she has overactive bladder?
19
20
                   It's supportive of that.
            Α.
                  How is it supportive of
21
            0.
22
     that?
23
                  When I come across a patient
            Α.
     who has symptoms and/or signs of
24
```

Page 50 overactive bladder, for example, urgency 1 2 urinary incontinence, certainly seeing 3 urgency urinary incontinence in someone who has a low postvoid residual as 4 5 opposed to a high postvoid residual is more supportive and reflective of an 6 overactive bladder condition in the 7 proper clinical context. 8 9 Is there anything else that 10 her postvoid residual -- any other information that you gained from that 11 with regard to your diagnosis of her? 12 13 Yes. To some degree, yes. Α. What else? 14 Q. She does have a history of 15 Α. recurrent urinary tract infections; and 16 17 on occasion, recurrent urinary tract 18 infections can occur in patients who don't empty their bladder completely. 19 20 The fact that her postvoid residual was low on this visit reflects 21 to me that that pathophysiology, if you 22 23 will, is probably not relevant here. 24 Under her problem review, is 0.

```
Page 51
     this information that the plaintiff, Mrs.
1
     Ward, told your medical assistant?
2
3
            Α.
                  We're speaking about
 4
     reviewed problems on page 1?
 5
            0.
                  Yes.
                  Those are populated kind of
 6
            Α.
7
     retrospectively, if you will, once the
     assessment is populated. So the reviewed
8
     problems are simply a reflection --
 9
     reflections of what's provided in the
10
11
     assessment diagnoses, which are the last
12
     two pages.
13
            O.
                 Okay. Is that something
     then that you would populate?
14
15
            Α.
                  That's correct.
                  And one of the things
16
            Q.
17
     reflected here is constipation; correct?
18
                  Yes.
            Α.
                  You agree with me that
19
            Q.
     constipation has been a complaint of Mrs.
20
21
     Ward's for some time period.
22
            Α.
                  Yes.
23
                  Including before her surgery
            0.
     with TVT in 2005; correct?
24
```

```
Page 52
 1
            Α.
                  Yes.
 2
                  And -- okay. Do you --
            Ο.
 3
     well, you are not testifying that TVT has
 4
     anything to do with her constipation;
 5
     correct?
 6
                        That's correct.
                  No.
 7
                  Do you agree with me that
            Q.
     constipation can cause pelvic pain?
8
 9
                  Depending upon its severity,
            Α.
10
     yes.
11
            Q.
                   Do you agree with me that
12
     the pelvic pain that can be caused by
13
     constipation can be intermittent?
14
            Α.
                  Yes.
15
            0.
                Do you agree that pelvic
16
     pain that can be caused by constipation
     can occur on and off over a number of
17
18
     years?
                  MS. SANTRA:
                                Object to form.
19
20
                                 I think,
                   THE WITNESS:
21
            depending upon its severity, that
22
            could happen.
23
     BY MS. ROBINSON:
24
                   Chronic cystitis is listed
            Q.
```

```
Page 53
     as well. Do you see that?
 1
2
            Α.
                  Yes.
 3
            0.
                  What is that intended to
     represent here?
 4
                  That's intended to be
 5
     reflective of the fact that this
 6
7
     patient's had recurrent urinary tract
     infections.
8
 9
                  You do not relate that to
            0.
     her TVT; is that correct?
10
                  MS. SANTRA: Object to form.
11
12
                  THE WITNESS: I -- actually,
            I do.
13
14
     BY MS. ROBINSON:
                  Okay. Well, Doctor, I'm not
15
            0.
     prepared to ask you questions about her
16
17
     UTIs today.
18
            Α.
                  Okay.
                  And one of the reasons I'm
19
            Q.
     not going to do that is, nowhere in your
20
21
     expert report do you say that her urinary
     tract infection complaints are caused by
22
2.3
     the TVT.
24
                   Do you agree with me on
```

```
Page 54
1
     that?
                  T do.
 2
            Α.
 3
                  And I'm not going to ask you
            Ο.
     those questions. Okay?
 4
 5
            Α.
                  Okay.
 6
            Q.
                  Dyspareunia, do you see
7
     that?
                  Yes, I do.
8
            Α.
                  And that's something that
 9
            Ο.
     you've added in there and we'll talk
10
     about that more later.
11
12
                  Pain in pelvis --
                  Yes.
            Α.
13
               -- can you tell me what the
14
            Q.
15
     basis is for her -- this entry? I mean,
16
     what's it based upon?
                  So when I examined her --
17
            Α.
18
     actually, I -- scratch that.
19
                  Before I examined her and I
     started interviewing about her pain, she
20
     described starting to have some pelvic
21
22
     pain in 2010. Some of that pelvic pain
     came as a result of intimacy. Sometimes
23
     the pain occurred when she was not
24
```

```
Page. 55
     sexually active. Specifically, she
 1
     described having groin pain in both
 2
     groins, described as intermittent, dull,
 3
     sometimes worse after walking.
 4
                  As you know, she actually
 5
     had her hysterectomy done in part because
 6
     of her pelvic pain. That surgery was not
 7
     helpful in resolving her pelvic pain.
 8
                  Those are the bases for my
 9
     providing that as a diagnosis.
10
                  Did you see anywhere in her
11
            0.
12
     medical history where she had complaints
     of pelvic pain other than in relation to
13
     her hysterectomy?
14
15
            Α.
                  Yes.
                  Can you show me those
16
            Q.
     entries in your report?
17
18
                  MS. SANTRA:
                                Object to form.
19
                  THE WITNESS: Let me take a
            look.
20
21
                   (Pause.)
22
                  THE WITNESS: Could you
            reread that question to me, Ms.
23
24
            Robinson?
```

```
Page 56
                                 I'll probably
                  MS. ROBINSON:
 1
            rephrase it because I'm not sure
 2
            exactly how I asked it.
 3
 4
                  THE WITNESS:
                               Okay.
 5
     BY MS. ROBINSON:
 6
                  But in your report, do you
            Ο.
 7
     identify any complaints that Mrs. Ward
     made to any of her medical providers of
 8
     having pelvic pain other than the
 9
     instance prior to her hysterectomy where
10
     she had reported a pelvic pain in her
11
12
     lower left quadrant, I believe?
                  Well, I mean, I think, to be
13
            Α.
     fair, she had an underlying history of
14
     constipation, which you and I have agreed
15
16
     could be a source of pelvic pain -- am I
     -- is that -- am I answering your
17
18
     question to your satisfaction? I mean,
19
     is that -- because to be fair, she did
20
     have that as a problem before her sling
     was ever done.
21
22
                  Did she ever say, "I'm
     having pelvic pain from constipation"?
23
24
     She did not. But I quess I'm trying to
```

```
Page 57
     answer your question by saying, you're
1
2
     asking me if she had any reason to have
3
     pelvic pain prior to her sling and
 4
     that's, for example, one instance that
     might explain why she might have had it
 5
 6
    beforehand.
7
                  Have I seen her say, "I have
     pelvic pain" or medical records
8
 9
     indicating that prior to her sling? I
10
     have not seen that.
                  Okay. And my question is
11
            0.
     actually more specific as to up to today.
12
13
            Α.
                  Okay.
                  So let's break this out a
14
            0.
15
     little bit.
                  One, you agree with me that
16
     constipation could be a source of her
17
     pelvic pain; correct?
18
                  Possibly.
19
            Α.
                  And you haven't been able to
20
            0.
     rule that out as a -- to a reasonable
21
22
     degree of medical certainty as a
23
     potential source; correct?
24
                  MS. SANTRA: Object to form.
```

```
Page 58
                  THE WITNESS: I mean, it
 1
2
            would be very low on my
3
            differential, but I wouldn't
 4
         completely rule it out, no.
     BY MS. ROBINSON:
 5
 6
            0.
                  Do we agree that she had
 7
     endometriosis?
                  She did -- she was diagnosed
8
            Α.
     with endometritis.
 9
10
                  And you're making a
            Ο.
     distinction there between endometriosis
11
     and endometritis? Or am I just
12
13
     pronouncing that wrong?
                  It's just that when I think
14
15
     of endometriosis, I think of a condition
16
     where you can actually find depositions
17
     of endometrial tissue in the pelvis; and
     her diagnosis was, I believe, based on a
18
     cervical biopsy, so I don't believe there
19
     was any other tissues that were found to
20
     contain endometritis.
21
22
                  Okay.
            Q.
23
                  Do we agree, however, that
     that condition that she had can cause
24
```

```
Page 59
     pelvic pain?
 1
 2.
            Α.
                   Yes.
 3
            Ο.
                   And you cannot rule that out
 4
     to a reasonable degree of medical
     certainty as a potential cause of some of
 5
     her intermittent complaints of pelvic
 6
 7
     pain; correct?
                   Up until her hysterectomy, I
 8
            Α.
 9
     cannot.
                   And you also understand that
10
11
     she had ovarian cysts; correct?
                   That's correct.
12
            Α.
13
                  And you agree with me that
            Q.
     ovarian cysts can cause pelvic pain;
14
15
     correct?
16
            Α.
                   Yes.
17
                   Are you able to rule out the
            0.
     ovarian cysts as a potential cause of her
18
19
     pelvic pain?
20
            Α.
                   Not entirely, no.
21
                   So then my next question is
            0.
22
     whether you have seen documented in her
     medical records at any time up until
23
24
     today complaints of pelvic pain that
```

```
Page 60
     could not be attributed to one of those
 1
     three conditions, that being her
 2
     constipation, her endometrial tissue, and
 3
     ovarian cysts.
 4
 5
                  MS. SANTRA:
                               Object to form.
                  THE WITNESS: Are we
 6
 7
            excluding my IME from your
            question?
 8
                  MS. ROBINSON: Yes, because
10
            I'm just asking about documents in
            her medical records.
11
12
                  THE WITNESS: I'm just going
            to ask you to ask that question
13
            one more time, if you would, for
14
15
            me.
                  MS. ROBINSON:
                                  Can I have
16
            the court reporter read it back,
17
18
            please?
19
20
                   (The court reporter read the
21
            pertinent part of the record.)
22
                  MS. SANTRA: And I object to
23
24
            the form.
```

```
Page 61
                  THE WITNESS:
                                Yes.
1
2
     BY MS. ROBINSON:
3
            Ο.
                  Can you show me where that
 4
     is --
                  Well, one example of that
 5
            Α.
     may be with Dr. Highland's office visit
 6
     which was in March of 2015 where she was
7
     noted to have granulation tissue --
8
                  Okay. Did -- were there
9
            Ο.
     specific complaints of pelvic pain at
10
11
     that time that you know of?
12
                  Well, once again, I mean,
            Α.
13
     there were intermittent complaints. I
     don't recall in March of 2015 there being
14
     pelvic pain and granulation tissue listed
15
     in the same evaluation.
16
17
                  Okay. Is that the only --
            0.
     is that the -- is that office visit the
18
     only other one that you have seen in her
19
     medical records?
20
                  MS. SANTRA: Object to form.
21
22
                  THE WITNESS: Well, you
            know, once again, I'm of the
23
            understanding -- and this is
24
```

```
Page 62
            obviously based on my discussions
1
            with Mrs. Ward -- where that her
2.
            hysterectomy was done not only
3
           because of vaginal bleeding, but
 4
            because of pelvic pain.
5
                  Other than what I've just
 6
7
            presented to you and the fact that
            she's had some UTIs, some
8
            left-sided pain, I'm going back to
            2008 now, I'm not identifying any
10
            specific pelvic pain issues in the
11
            medical records that I've
12
            received.
13
     BY MS. ROBINSON:
14
15
                  With regard to the March
            0.
     23rd, 2015 visit with the granulated
16
17
     tissue --
18
            Α.
                 Right.
19
            Q.
                 -- do you agree that that
     was not related to her TVT?
20
                  I don't have any evidence
21
            Α.
22
     that it was.
                  What do you believe the
23
            Q.
24
     granulated tissue was caused by?
```

```
Page 63
                               Object to form.
                  MS. SANTRA:
1
                  THE WITNESS: Probably
2
            healing from the hysterectomy.
3
     BY MS. ROBINSON:
 4
                  So, Doctor, the medication
 5
            Ο.
     list -- well, I'm sorry. Let's go on.
 6
                  You have mixed incontinence
 7
     listed in the review of problems;
 8
     correct? And I'm back at Exhibit 5, your
 9
     examination here?
10
            Α.
                  Yes.
11
                  She had mixed incontinence
12
            0.
13
     prior to her TVT; correct?
                  It was really almost purely
14
            Α.
     stress incontinence as a matter of fact.
15
                  But there were documented
16
            Q.
     complaints in her medical records of
17
     overactive bladder symptoms as well, is
18
19
     that correct, by Dr. DeLeary?
               Well, when she saw Dr.
20
            Α.
     Highland -- she did have urodynamics done
21
     a few years prior seeing Dr. DeLeary
22
     where a diagnosis of mixed urinary
23
     incontinence was offered, and she also
24
```

```
Page 64
     used Ditropan XL, which is a drug used to
 1
 2
     treat overactive bladder.
 3
                  That being said, when she
 4
     saw Dr. DeLeary, you know, his impression
 5
     was genuine stress urinary incontinence
     related to urethral hypermobility.
 6
                  And as you're sitting here
            0.
     right now, you don't recall seeing him
 8
     make notations of some kind of overactive
10
     bladder.
11
            Α.
                  What I recall is that he
12
     prescribed Enablex, but soon thereafter
     discontinued it when he operated on her,
13
     which suggests to me that he wasn't
14
15
     finding it or she wasn't finding it very
16
     effective.
                  Now, TVT is indicated for
17
            0.
18
     the treatment of stress urinary
19
     incontinence; correct?
20
            Α.
                  Yes.
2.1
                  It is not indicated for the
            Ο.
22
     treatment of overactive bladder; correct?
23
                  Not directly, no.
            Α.
                  Some patients, however, who
24
            Q.
```

```
Page 65
     do have overactive bladder along with
 1
 2.
     stress urinary incontinence may see
 3
     improvement of both by the use of TVT; is
 4
     that correct?
                  That can happen sometimes,
 5
            Α.
 6
     yes.
                  And it very well could have
 7
            Q.
     happened with Mrs. Ward; is that correct?
 8
                  MS. SANTRA: Object to form.
 9
                  THE WITNESS: It's possible.
10
11
     BY MS. ROBINSON:
                  And you understand that for
12
            O.
13
     an extensive time period, years, Mrs.
     Ward did see significant improvement of
14
15
     her urinary incontinence, is that
16
     correct, with the TVT?
17
                  She did have some
            Α.
18
     improvement with her SUI, no question.
                  And today, is it your
19
            Q.
20
     impression that her mixed urinary
     incontinence is actually predominantly
21
22
     overactive bladder?
                  The impression I got from
23
            Α.
     her was that it was about 50/50.
24
```

```
Page 66
                  What caused her SUI in 2005
1
            0.
2
     before her TVT placement?
3
                  Well, anatomically, she had
            Α.
 4
     a condition called urethral
 5
     hypermobility.
 6
                  Did you do any testing
            Ο.
     during your examination to confirm
7
     whether she still has urethral
8
     hypermobility?
                  Yes, I did.
10
            Α.
11
            0.
                  And what did you do?
                  One of the -- one of the
12
            Α.
13
     things I do during a pelvic exam when I'm
     examining the patient is have them bear
14
     down or cough to see if that produces any
15
16
     prolapse.
17
                  And what did you find when
            Ο.
18
     you did that?
19
            Α.
                  She did not have any
20
     evidence of prolapse.
21
                  So does that indicate she
22
     had no evidence of urethral
23
     hypermobility?
24
            Α.
                  That's correct.
```

```
Page 67
                  So is it your impression
 1
            Ο.
     that the TVT has worked to improve that
 2
 3
     condition?
 4
                  MS. SANTRA:
                               Object to form.
                                 It has
 5
                  THE WITNESS:
            anatomically corrected the
 6
            hypermobility in my opinion.
 7
     BY MS. ROBINSON:
 8
                  Where did you report those
 9
            0.
10
     findings?
11
            Α.
                  Well, since those are --
     findings were not positive findings, I
12
     didn't document the fact that she did not
13
     have urethral hypermobility. In fact,
14
     when I populate findings on my electronic
15
16
     health resource, in a lot of instances,
     if, for example, someone doesn't have
17
18
     urethral hypermobility, it won't
19
     necessarily add it there.
                  Some of them -- it'll
20
     populate if there's no cystocele or
21
22
     rectocele, for example. It'll say no
     cystocele, no rectocele. So if you look
23
     at my IME, it'll actually populate no
24
```

Page 68 cystocele, no rectocele. It doesn't, 1 however, populate no urethral 2 3 hypermobility. It only populates that in 4 a positive sense if it's there. I didn't even really see in 5 your report where you had done a cough 6 7 stress test. Yes. Like, once again, I do 8 Α. it on every woman who has incontinence as 9 10 a part of my practice, part of my examination. 11 12 If the findings are negative, it's not reflected in my 13 It's not reflected in my 14 15 physical exam because it's --16 What other type of negative Q. findings might you have that would not be 17 18 reflected in this exam note that we have 19 as Exhibit No. 5? 20 Well, for Mrs. Ward, there Α. were two negative findings that weren't 21 22 -- two positive findings that because 23 they were negative weren't noted. 24 One was that a lot of times

Page 69 when I'm doing a pelvic exam, if I 1 appreciate constipation, I'll document 2 that, so she had none of that, no 3 constipation. 4 And if the bladder is 5 palpable, oftentimes I will document the 6 bladder as being palpable. Her bladder 7 was not palpable. 8 And what do you mean by the 9 bladder being palpable? 10 That I could palpate it even 11 Α. after emptying, suggesting that perhaps 12 one is not emptying their bladder well. 13 Okay. So when you examined 14 0. the bladder, you confirmed essentially 15 the postvoid residual finding that she 16 had normally emptied her bladder? 17 Α. Right. 18 19 Is there anything else that 20 didn't show up in your exam report that was a normal finding? 21 None that I can think of 22 Α. here today. 23 So do I understand correctly 24 Q.

		Page 70
1	then that based on your exam, she has had	
2	an anatomical correction of her urethral	
3	hypermobility?	
4	MS. SANTRA: Susan, sorry.	
5	Can we take a quick restroom break	
6	or do you want him to answer	
7	MS. ROBINSON: Yeah, let him	
8	answer that question first.	
9	THE WITNESS: Could you	
10	repeat the question, Susan?	
11	MS. ROBINSON: Let's take a	
12	break and we'll have the court	
13	reporter read it back then.	
14	THE WITNESS: Fair enough.	
15	Thank you.	
16	MS. SANTRA: Thanks. Sorry	
17	about that.	
18	(A recess was taken from	
19	10:10 a.m. to 10:16 a.m.)	
20	MS. ROBINSON: And if I can	
21	just get the court reporter to	
22	read that question back and then	
23	we're ready to go.	
24		

```
Page 71
 1
                  (Whereupon, the court
            reporter read back from the record
 2
            as follows:
 3
                  "QUESTION: So do I
 4
 5
            understand correctly then that
            based on your exam, she has had an
 6
            anatomical correction of her
 7
            urethral hypermobility?")
 8
10
                  THE WITNESS: Yes.
11
     BY MS. ROBINSON:
12
            0.
                  Doctor, during -- did you
     visually see any leakage during the cough
13
14
     stress test?
15
            A. I did not, although she had
     very little in her bladder to leak out,
16
17
     to be fair.
                  But your objective findings
18
19
     did not demonstrate any recurrence of her
20
     stress urinary incontinence; is that
21
     correct?
22
                  MS. SANTRA: Object to form.
                  THE WITNESS: Well,
23
        unfortunately, they weren't really
24
```

```
Page 72
            designed to demonstrate such, but
1
            -- but, no, they did not.
 2
3
     BY MS. ROBINSON:
                  Well, let me ask the
 4
            0.
 5
     question again, because it's a very
 6
     straightforward question: Doctor, did
7
     your objective findings on your
     examination of the plaintiff, Mrs. Ward,
8
     document a recurrence of her stress
     urinary incontinence?
10
                  MS. SANTRA: Object to form.
11
                  THE WITNESS: No, they did
12
13
            not.
     BY MS. ROBINSON:
14
15
                  Doctor, what -- assume for a
            Ο.
     minute that Dr. DeLeary did note that he
16
     saw components of overactive bladder and
17
18
     that Mrs. Ward during her deposition
19
     testimony said she did have some urge
20
     symptoms prior to her TVT placement in
21
     2005.
            Okav?
22
                  Okay.
            Α.
                  Just assume for me that
23
            Q.
24
     that's correct.
```

```
Page 73
 1
            Α.
                  Okay.
 2
                  Doctor, what would have
            Ο.
     caused Mrs. Ward to have overactive
 3
 4
     bladder symptoms prior to her TVT
 5
     placement?
 6
            Α.
                  Well, there are a lot of
     different causes for overactive bladder.
 7
     So some of it is idiopathic. Sometimes
 8
 9
     overactive bladder can be attributed to
10
     lifestyle issues such as caffeine or
11
     bladder irritant intake. There are
12
     instances where, for example,
     constipation, if it's severe, can
13
     exacerbate overactive bladder symptoms.
14
15
                  Anything else?
            0.
                  Well, weight can sometimes
16
            Α.
     be an exacerbating factor of overactive
17
18
     bladder.
                  Anything else?
19
            Q.
                  None that I can think of as
20
            Α.
21
     we sit here today.
                  Do you agree with me that
22
            Q.
23
     all of those factors exist in Mrs. Ward
24
     today?
```

```
Page 74
                  To some degree they do, yes.
 1.
            Α.
                  Number one, her overactive
 2.
            Ο.
 3
     bladder symptoms could simply just be
 4
     idiopathic in nature; correct?
                  MS. SANTRA: Object to form.
                   THE WITNESS: Possibly.
 6
 7
     BY MS. ROBINSON:
                  Two, her overactive bladder
8
            Ο.
     symptoms could be caused by her
 9
     lifestyle; correct?
10
11
                  MS. SANTRA: Object to form.
                   THE WITNESS: Possibly.
12
13
     BY MS. ROBINSON:
                   Did you see in her
14
            Ο.
     deposition testimony that she drinks up
15
16
     to three containers of tea a day?
17
            Α.
                   Yes.
                   Do you agree with me that
18
            Ο.
     tea which contains caffeine can be a
19
     bladder irritant?
20
21
                   Yes.
            Α.
22
            Ο.
                   And that that can cause
     overactive bladder symptoms?
23
24
            Α.
                   Yes.
```

```
Page 75
                  Do you also see that she has
 1
            Q.
 2
     intake of six to eight glasses of water a
3
     day as well?
 4
            Α.
                  Yes.
                  And so you agree with me
 5
            Ο.
     that some of her lifestyle factors today
 6
 7
     can impact her complaints of overactive
     bladder; correct?
8
 9
                  Not necessarily water
     intake, but some of the other stuff we
10
11
     discussed, yes.
                  She still complains of
12
            0.
13
     intermittent constipation as well;
14
     correct?
                  Which she described to me as
15
            Α.
16
     mild, but yes.
1.7
                  And if you look at your IME,
            Ο.
     you've documented her current weight
18
     today at, I believe it's, 232 pounds?
19
20
            Α.
                   Yes.
21
                  And, Doctor, assume for me
            0.
22
     that one of her visits to Dr. Highland
     documented that she weighed about 182
23
     pounds before her TVT implant. That
24
```

```
Page 76
     shows about a 50-pound weight gain; is
1
2
     that correct?
 3
            Α.
                   Yes.
 4
            Q.
                   Do you agree with me that
     her weight gain can affect her urinary
 5
 6
     functioning?
 7
            Α.
                   Yes.
                   Do you agree with me that
 8
            Ο.
     weight gain can cause her to have urge
 9
     symptoms?
10
11
            Α.
                   Yes.
12
                   Do you agree with me that
            Q.
     her weight gain could even cause stress
13
     incontinence?
14
                   Yes, to some degree, that's
15
            Α.
16
     true.
17
            0.
                   Do you agree with me that
     her 50-pound weight gain could make her
18
     urge incontinence symptoms worse?
19
                   Possibly, yes.
20
            Α.
21
                   Did you recommend to her
            0.
22
     that she loses weight?
2.3
                   MS. SANTRA: Object to form.
24
                   THE WITNESS: Not being her
```

```
Page 77
            treating physician, we didn't
 1
 2
            discuss that.
     BY MS. ROBINSON:
 3
 4
            0.
                  But it isn't surprising to
 5
     you that somebody who might have had some
     slight overactive bladder symptoms in
 6
 7
     2005, if they gain over 50 pounds ten
     years later, continued to have caffeine
 8
     intake, it isn't surprising to you that
 9
10
     their overactive bladder symptoms could
11
     worsen.
12
                  MS. SANTRA: Object to form.
                  THE WITNESS: I mean, in the
13
            absence of all the other medical
14
            nuances to Mrs. Ward and that this
15
            was just a patient who did nothing
16
            else other than gain 48 pounds and
17
18
            continue along with her current
19
            bladder irritant intake, is that
            the question?
20
21
                  MS. ROBINSON: Yes.
22
                  THE WITNESS: It's
23
            plausible, but -- but for Mrs.
24
            Ward, it's a little more
```

```
Page 78
            complicated than that, because she
1
            has obviously mixed urinary
2
            incontinence. It's not straight
3
            urgency or overactive
 4
            bladder-related incontinence.
 5
     BY MS. ROBINSON:
 6
                  You also saw that she has
 7
            Ο.
     been diagnosed within the last few years
 8
     of having diabetes; is that correct?
 9
10
            Α.
                  Yes.
                  How does diabetes affect
            0.
11
12
     voiding?
                  Well, to a certain extent,
13
            Α.
     it depends on the duration of the
14
     diabetes and one's hemoglobin A1C, which
15
     serves as a fairly good indicator of
16
     diabetic control.
17
18
                  So for patients who have
19
     long-standing, poorly controlled
     diabetes, sometimes what we see is
20
     actually impaired bladder sensation where
21
22
     the bladder doesn't feel itself to the
     same degree it did in the nondiabetic
23
24
     state.
```

Page 79 And if that's the case, then Ο. 1 what impact does it have on somebody's 2 urinary function, their frequency, their 3 4 overactive bladder symptoms? So, I mean, she's only 5 really had diabetes to my mind for the 6 last three years or so, so I'm not really 7 privy to her hemoglobin A1C levels. To 8 my -- you know, to my discredit, I 9 suppose, I didn't ask her that specific 10 11 question. But assuming her hemoglobin 12 A1Cs were in poor control, it could have 13 a -- you know, it could have a minor 14 15 impact over three years, but nonetheless 16 an impact. 17 And without -- you do not 0. have sufficient information right now to 18 rule the diabetes out as a potential 19 influence or a potential cause of her 20 overactive bladder symptoms; is that 21 22 correct? Well, I would put minimal 23 weight on diabetes, but I wouldn't rule 24

```
Page 80
     it out entirely.
1
2
                  With regard to her
            0.
3
    medications, did you review that list
     with her?
 4
 5
            Α.
                  Yes.
                  Was she taking any pain
 6
            Ο.
    medications for complaints that she had
 7
     related to the TVT?
8
 9
                   (Pause.)
                  MS. ROBINSON:
                                  I'm sorry.
10
11
            Are you there?
                  THE WITNESS: I'm here.
                                            I'm
12
            just trying to process the
13
            question, because the pain that
14
            she was relating to me was pelvic
15
            and vaginal pain, including groin
16
17
            pain.
                  And inasmuch as I was aware
18
            of the fact that she was taking
19
            multiple pain medications,
20
            hydrocodone, for example,
21
            meloxicam, for example, my
22
23
            understanding is that she was
            taking them for pelvic pain, but
24
```

```
Page 81
            she didn't make mention to me that
 1
            she was taking them for other
 2
            purposes.
 3
 4
     BY MS. ROBINSON:
                  Well, if I told you she was
 5
            Ο.
     taking pain medications for her neck and
 6
     shoulder and back --
7
                  Uh-hum.
 8
            Α.
                  -- would that be
 9
            0.
     inconsistent with your understanding of
10
11
     what she -- what she presented to you?
                  Well, not necessarily, but
12
            Α.
13
     -- only because I was aware of her having
     those conditions at the time of my IME.
14
                  That being said, I would
15
16
     imagine that those medications, whether
17
     they're being used for her back or neck
     pain, were probably having some impact on
18
19
     her pelvic pain.
20
                  Are you testifying that the
            0.
     pelvic pain that she experiences is so
21
22
     severe that she has to take a pain
     medication like hydrocodone to control
23
24
     them?
```

```
Page 82
                  MS. SANTRA: Object to form.
 1
 2.
                  THE WITNESS: Well, no, not
 3
            necessarily.
 4
     BY MS. ROBINSON:
                  You've never seen a medical
 5
            0.
     record, a single medical record, where a
 6
     doctor has prescribed her with pain
 7
     medication for any complaints that she
 8
 9
     has related to the TVT; correct?
                  MS. SANTRA: Object to form.
10
                  THE WITNESS: These pain
11
            medications were not prescribed by
12
            urologists, gynecologists, or
13
            TVT-related doctors.
14
     BY MS. ROBINSON:
15
                  And, in fact, she has never
16
            0.
     complained to a single doctor that she
17
     has experienced pain during sexual
18
     intercourse; is that correct?
19
20
                  MS. SANTRA: Object to form.
                  MS. ROBINSON: Other than
21
22
            yourself.
                  THE WITNESS: No.
23
24
     BY MS. ROBINSON:
```

```
Page 83
                  Let me reask the question:
1
            0.
     Is it correct that, according to your
2
    review of your -- of her medical records,
3
    that she has never complained to a single
4
     one of her treating physicians that she
5
    has experienced pain during sexual
6
7
     intercourse?
                  MS. SANTRA: Object to form.
8
                  THE WITNESS: Could you
 9
            repeat the question? I'm sorry,
10
            Susan.
11
12
     BY MS. ROBINSON:
               Doctor, let me try to make
13
            Q.
14
     it simpler.
            Α.
15
                  Okay.
                  In your review of her
16
            Q.
     medical records, did you find anywhere
17
     where she had made a single complaint to
18
19
     any of her treating physicians that she
     experienced pain during sexual
20
     intercourse?
21
22
            Α.
                  No.
                   Doctor, if you'll turn to
23
            Q.
     page 4 -- well, first, let me -- let me
24
```

```
Page 84
     -- before we do that, let's talk about
 1
     the review -- or her history of present
 2
 3
     illness?
 4
                  Did you find any
     inconsistencies in her recitation of her
 5
     history to you with what you later
 6
     reviewed in the medical records?
 7
                  I'm sorry. I don't know if
 8
            Α.
 9
     I understood that question, Susan.
                  The history of present
10
            0.
11
     illness, if I understand correctly, was
     her providing you with that information
1.2
13
     during your examination; correct?
                  That's correct.
14
            Α.
15
                  Did you later find any
            Q.
16
     inconsistencies with what she told you in
     your review of her medical records?
17
18
            Α.
                  Not especially, no.
19
            0.
                  Up -- about five lines up,
     you state: She notes bilateral groin
20
     pain, intermittent, dull, sometimes after
21
22
     walking.
23
            Α.
                  Yes.
                  Did you see anywhere in her
24
            Q.
```

```
Page 85
    medical records that she had made that
1
     complaint to any of her treating
 2
3
     physicians?
                                Object to form.
 4
                  MS. SANTRA:
 5
                  THE WITNESS:
                                 Yes.
     BY MS. ROBINSON:
 6
                  Where did you see that?
7
            0.
                  As an example, in 2012, she
            Α.
 8
     saw Dr. Highland with complaints of
 9
     left-sided pain, pelvic pain, which is in
10
     the same region as the groin.
11.
                  Does that pain specify that
12
            Q.
     she's having that pain with walking?
13
14
            Α.
                  No.
                  Did I understand correctly
15
            0.
     that that is pelvic pain that you related
16
     to her ultimate surgery for the
17
1.8
     hysterectomy?
19
            Α.
                  To some degree, yes.
20.
                  Can you tell me how you did
            Q.
21
     the vaginal exam?
22
                  Yes. So my patients lie in
            Α.
     the prone position. They -- typically
23
24
     I'll examine their abdomen first; and
```

Page 86 then when they undergo a pelvic exam, 1 they will either go into a position 2 3 called the frog leg where they bend their 4 legs in kind of a diamond shape or, in 5 this instance, they'll be positioned in a lithotomy position where their legs are 6 up in stirrups. 7 At that point, I'll examine 8 them with -- do what's called a bimanual 9 exam, using gloves, whereby I separate 10 the labia to examine their external 11 genitalia, ask them -- first off, assess 12 the rugation or whether or not there's 13 atrophy to the vulvovaginal tissues, 14 examine for discharge, adequate 15 lubrication and such, and then perform 16 what's called a bimanual exam where I'll 17 18 insert my fingers into the vaginal canal 19 and ask them to bear down or cough to assess if there's any prolapse. 20 21 During the bimanual exam, 22 there's also an opportunity for me to 23 palpate certain areas or trigger points to see if there's pain to palpation. 24

```
Page 87
                  At the time you were doing
 1
            Q.
     this examination, you know that she is
 2
 3
     complaining of having dyspareunia;
 4
     correct?
                  She had made that complaint
 5
            Α.
     to me during her interview, yes.
 6
 7
            0.
                  When you performed the
     examination, did you use one digit or
 8
 9
     two?
10
                  Typically, two.
                  Did she describe that she
11
            0.
12
     experienced any pain when you began the
13
     examination just on insertion of the two
14
     digits?
                  Prior to my insertion, she
15
            Α.
16
     had no pain.
                  At what point did she
17
            Q.
1.8
     experience some pain?
                   Typically -- in her
19
            Α.
     instance, her pain was almost exclusively
20
     in her anterior urethra, directly along
21
     and under the sling, more so on the right
22
     side than the left side.
23
                   I guess I'm trying to get an
24
            Q.
```

Page 88 understanding at what point in your 1 examination she would have had any pain. 2. Right. And I quess what I Α. 3 -- maybe my answer wasn't clear before. 4 So when I placed my fingers 5 inside of her to examine her for 6 prolapse, I also would, you know, palpate 7 the vaginal canal throughout, the floor 8 of the vaginal canal, what's called the 9 apex or the uppermost portion of the 10 vagina and then what's called the 11 anterior vaginal canal underneath the 12 bladder and the urethra. 13 In her particular instance, 14 in terms of point tenderness and point 15 palpation, she had tenderness underneath 16 the sling in the area of the mid-urethra 17 with more tenderness up on the sidewalls 18 of the vaginal space. In Mrs. Ward's 19 20 instance, more in the right vaginal sulcus than the left. 21 And how did she express that 22 Ο. tenderness to you? 23 As I recall, that she would 24 Α.

Page 89 say, yeah, it's right there, it's --1 that's where it hurts; and in terms of 2 3 the differentiator in terms of the 4 quantitative amount of discomfort, it was 5 -- it was more uncomfortable on the right side than the left in the area of the 6 7 vaginal sulci. Was it so uncomfortable that 8 Ο. she could not endure your examination? 9 It was close to that point. 10 Α. I mean, I didn't really mash the tissues 11 that aggressively, but I did it firmly 12 enough that she elicited -- that it 13 elicited pain. 14 15 Did you notice any scarring 0. 16 at the apex? 17 Nothing significant. Α. Does that mean you didn't 18 Ο. 19 notice scarring? MS. SANTRA: Object to form. 20 Well, once 21 THE WITNESS: 22 again, I think we're getting into a discussion about documenting a 23 24 significant negative and whether

		Page S	90
1	or not, I guess, number one,		
2	whether my computer would do that		
3	for me automatically and whether		
4	or not I would add that		
5	information.		
6	What I can tell you is, if		
7	there was apical scarring, it was		
8	insignificant enough that I didn't		
9	feel it necessary to put in the		
10	report.		
11	If I were to re-examine her		
12	today and you were to ask that		
13	question and I was to examine her		
14	realtime, I would probably have		
15	said I can, you know, feel the		
16	vaginal cuff scar if I felt it		
17	closely enough. But was it a		
18	an excessive, thick, tender scar?		
19	No.		
20	BY MS. ROBINSON:		
21	Q. Other than your notation		
22	that she had tenderness under the		
23	urethra, did she have were there any		
24	other abnormal findings during your		

```
Page 91
     examination?
 7
                        There was -- besides
 2
            Α.
                  Yes.
     induration, there was also a -- a taut
 3
     feeling to the sling in those particular
 4
     areas, where it almost felt as if the
 5
     edge of the sling felt more sharper and
 6
 7
     more pronounced.
 8
                 But do I understand
     correctly that there was no mesh
 9
10
     exposure; correct?
            Α.
                  That's correct.
11
12
            Ο.
                  You were unable to feel any
     mesh underneath the scarring; correct?
13
                  MS. SANTRA: Object to form.
14
                  THE WITNESS: I could
15
            palpate the sling underneath the
16
            scar tissue, but I could not
17
            appreciate, feel, or see any
18
19
            extrusion.
     BY MS. ROBINSON:
20
21
                  She's never had any mesh
            Q.
     exposure or extrusion; correct?
22
2.3
                 Not to my knowledge, no.
            Α.
24
                  In your medical practice, is
            Q.
```

```
Page 92
     it uncommon for you to be able to feel
 1
     palpable mesh after a sling has been
 2
 3
     placed?
                  MS. SANTRA: Object to form.
                  THE WITNESS: Somewhat.
 5
 6
     BY MS. ROBINSON:
                  But it is something that you
 7
            0.
     feel in cases; correct?
 8
 9
                  Yeah. If you're trying to
            Α.
10
     identify it and trying to feel it, in
     most instances, you're able to.
11
12
                  And when -- in those
            Ο.
13
     instances, not all of those instances
     reproduce pain; correct?
14
15
            Α.
                  That's correct.
                  Is it also true that if you
16
            0.
17
     have placed a fascial sling for stress
18
     urinary incontinence, that you can feel
     where that sling has been placed after
19
20
     the surgery?
                  That tends to be much more
21
            Α.
     challenging in my hands, but still
22
23
     possible.
               Every surgical procedure for
24
            Q.
```

```
Page 93
     stress urinary incontinence has a risk of
 1
     scarring; correct?
 2
 3
            Α.
                  Yes.
                  And that risk of scarring
 4
            Q.
     can be prevented only by not doing the
 5
     surgery; correct?
 6
 7
            Α.
                  Yes.
                  Can delayed healing increase
 8
            Ο.
 9
     the scarring during -- after a stress
10
     urinary incontinence surgery?
                  MS. SANTRA: Object to form.
11
12
                  THE WITNESS: I don't know
            if I understand your question.
13
14
     BY MS. ROBINSON:
                  If there is a delay, if for
15
            Q.
     some reason the scar doesn't heal in the
16
     ordinary process, can that create an
17
     increase in the vaginal scarring?
18
                  MS. SANTRA: Object to form;
19
20
            vaque.
21
                  THE WITNESS:
                                Yeah, I
22
            suppose it depends on the cause of
2.3
            the delayed healing, the
24
            underlying issue related to that
```

```
Page 94
            delayed healing, but that's a
1
 2
            plausible theory.
     BY MS. ROBINSON:
 3
                  Did you see in the medical
 4
            0.
     records that a week after her surgery,
 5
     the plaintiff had a coughing fit and felt
 6
     pain and experienced bleeding from her
7
8
     vagina after her surgery?
 9
            Α.
                  Uh-hum.
                  You did see that; correct?
10
            Q.
                  Yes, I did.
11
            Α.
12
                  Can that be something that
            Q.
     would interfere with her normal healing
13
14
     process?
15
                  Well, you know, taking that
     as a standalone question, I would say
16
     yes, but I think her clinical history
17
     would go against that in the instances of
18
     that particular situation you're speaking
19
20
     of.
21
                  MS. ROBINSON:
                                  Okay. Well,
22
            move to strike everything after
            "ves."
23
24
                                Object.
                  MS. SANTRA:
```

```
Page 95
1
    BY MS. ROBINSON:
                  My follow-up question is,
2
            0.
     does that indicate to you that there
3
     might have been a little ripping or a
 4
5
     little tearing?
                  MS. SANTRA: Object to form.
 6
                                 No.
7
                  THE WITNESS:
     BY MS. ROBINSON:
 8
                  Is it possible that
 9
            0.
     following that event, that that event
10
     could have caused greater type of
11
     scarring for her than what otherwise
12
     might normally have occurred?
13
                  I would say no to that.
14
            Α.
                  And what do you base that
15
            Q.
16
     on?
                  Well, I base that on the
            Α.
17
     lack of anything within the medical
18
     records that would indicate that that
19
     particular instance where she had this, I
20
     quess, coughing spell and subsequent
21
22
     bleeding spell -- there was nothing in
     her post -- in evaluations following that
23
     that indicated that she was having any
24
```

Page 96 sort of delayed healing or significant 1 2 scarring that would support that theory. 3 In fact, despite that, she 4 actually had, as we discussed, an initially good result to her sling. 5 it's just hard for me to imagine that 6 7 something happening on June 27th, 2005, with a follow-up approximately nine days 8 later on July 6th where the vaginal 9 bleeding had stopped that same day and 10 11 she had no further problems or pain -- of pain or discomfort, you know, voiding 12 well, denying any leakage, it's hard for 13 me to state that that would have been a 14 15 risk factor for either delayed healing or 16 excessive scarring or any other complication. 17 Doctor, during your 18 Ο. examination, she had a normal urinalysis; 19 20 is that correct? 21 Well, with the exception of Α. 22 glycosuria, yes. She had sugar in her 23 urine. 24 And that's consistent with Q.

```
Page 97
     her diabetes; correct?
 1
 2
            Α.
                   Yes.
 3
            0.
                   Is that an abnormal level of
 4
     sugar?
                   That is.
 5
            Α.
                   How high is that?
 6
            Ο.
                   Well, typically, for someone
 7
            Α.
     to spill sugar in their urine, their
 8
     blood sugar has to be over 180. So I
 9
10
     can't comment as to the specific blood
11
     sugar level, but it's suggestive of the
12
     fact that her sugar was not adequately
     controlled at the time of her visit to
13
14
     me.
15
                   Under your assessment and
            Ο.
16
     plan, when you talk about pain in pelvis,
17
     pelvic and perineal pain --
18
                   Correct.
            Α.
                   Do you see that?
19
            Q.
20
            Α.
                   Yes.
                   -- did she experience pain
21
            0.
22
     in the perineal area during your
23
     examination?
24
            Α.
                   No.
```

```
Page 98
                  Where does that come from?
 1
            Q.
                  That is an ICD-10 code that
 2.
            Α.
 3
     unfortunately groups pelvic pain under
 4
     the nomenclature of pelvic and perineal
 5
     pain.
 6
                  So she -- are you saying she
            0.
 7
     did not have any peroneal pain and that's
 8
     just an electronic entry?
                  Yes, ma'am.
 9
            Α.
                  Doctor, I'm still a little
10
            Ο.
11
     confused about the pelvic pain
12
     complaints. Are those complaints
     distinct from the dyspareunia complaint?
13
                  Yes, they are.
14
            Α.
15
                  Was there anything on your
            0.
16
     examination that had -- supported any --
     you know, any of her symptoms of pelvic
17
18
     pain other than the dyspareunia?
19
            Α.
                  Well, I mean, the pelvic
     exam, to be fair, didn't demonstrate
20
21
     dyspareunia. It just provoked pain on
     vaginal exam. So certainly vaginal pain
22
     was reproducible. The vaginal pain that
23
24
     was produced on exam was consistent with
```

```
Page 99
     where she had had dyspareunia.
 1
                  But regarding pelvic pain,
 2.
 3
     it really only was borne out during my
 4
     interview with the patient. I wasn't
 5
     able to re-create, for example, groin
 6
     pain on examination.
                  MS. SANTRA: Off the record.
 7
 8
                   (A discussion off the record
 9
10
            occurred.)
11
     BY MS. ROBINSON:
12
13
                  Doctor, I think you were
            Q.
     describing during your examination you
14
     were not able to reproduce any groin
15
16
     pain; is that correct?
17
                  That's correct.
            Α.
18
            0.
                  And with regard to pelvic
19
     pain itself, did I understand correctly
20
     on what you were saying that while your
21
     examination showed some tenderness, that
     isn't necessarily indicative of somebody
22
     in her daily activities experiencing
23
24
     pelvic pain?
```

Page 100

- 1 A. To some degree. So, for
- 2 example, my physical exam demonstrated
- 3 some of the pelvic pain that Mrs. Ward
- 4 had, but not all that was described to
- 5 me, and I'm not convinced that the pain
- 6 she has at rest that's worsened by
- 7 walking is necessarily the vaginal pain
- 8 that I reproduced on exam.
- 9 Q. Are you testifying to a
- 10 reasonable degree of medical certainty
- 11 that the pain that she describes upon
- 12 walking is caused by the TVT?
- 13 A. I wouldn't attribute it
- 14 solely to the sling, no.
- 15 Q. And what's the basis that
- 16 you attribute it partially to the sling?
- 17 A. Well, the placement of the
- 18 sling is -- is in the area of her pain,
- 19 so I wouldn't rule it out because of
- 20 that.
- Q. Would you agree with me the
- 22 literature does not support incidences of
- 23 groin pain following TVT surgery?
- MS. SANTRA: Object to form.

```
Page 101
                                Well, I don't
                  THE WITNESS:
1
 2
            know if I would necessarily agree
3
            with that, because I think it also
 4
           depends on the route of placement.
 5
            I mean, in other words, a TVT
            Obturator sling has a higher risk
 7
            of groin pain than a retropubic
            TVT sling, for example.
 8
     BY MS. ROBINSON:
 9
                  And she has the retropubic;
10
            Ο.
11
     correct?
12
            Α.
                  That's correct, yes.
13
                  With regard to her
            Q.
     dyspareunia, what does your examination
14
     tell you -- or how does your examination
15
16
     play in your assessment that her
     dyspareunia is caused by the TVT?
17
18
                  Well, it's a combination
19
     both of her subjective complaints and
20
     objectively what I discovered. To be
21
     fair, she had only had sex with her
     husband about three or four times and, in
22
     fact, hadn't been sexually active after
23
24
     her hysterectomy, but she describes
```

Page 102

- 1 specifically that the pain being pain in
- 2 the vaginal canal and in the groin area.
- 3 Taking her groin pain out of
- 4 the equation relating to her dyspareunia,
- 5 when I examined her, the pain that I was
- 6 able to reproduce on exam corroborated
- 7 with the physical location of the pain
- 8 that she had during intimacy, and when I
- 9 say the pain in her vaginal canal is what
- 10 I'm speaking towards.
- 11 Q. And how did it corroborate?
- 12 Did it corroborate in terms of location?
- 13 Did it corroborate in terms of intensity?
- 14 A. Probably more location, you
- 15 know, than intensity; and, I mean, I
- 16 don't want to sound graphic here, but
- 17 it's difficult to reproduce, you know,
- 18 vaginal intercourse-related pain during a
- 19 bimanual exam obviously.
- 20 Q. Okay.
- So then how do you know that
- 22 the location is consistent with the pain
- 23 she would experience during sexual
- 24 intercourse?

Page 103

- 1 A. So, I mean, to the point of
- 2 dyspareunia or vaginal pain, I guess
- 3 there are two elements. One is that --
- 4 the quality of the pain and the other is
- 5 the location, I suppose. And the quality
- 6 can have its own breakdown I guess as to
- 7 particular elements.
- 8 But when I was examining
- 9 Mrs. Ward, for example, and reproducing
- 10 tenderness on exam, she recounted to me
- 11 that the pain that she was having during
- 12 my vaginal exam was the same
- 13 location-wise as the pain she had during
- 14 intimacy, during intercourse.
- 15 Q. So it's based on her telling
- 16 you that when you touched her in a
- 17 certain area, that was the area she was
- 18 having pain during sexual intercourse.
- 19 A. It may have been the other
- 20 way around. It may have been more me
- 21 examining her and eliciting tenderness
- 22 and saying, is this where you were having
- 23 pain when having sex, when having
- 24 intercourse, to which she recounted yes.

```
Page 104
                  Did you take any measures to
 1
            Q.
     account for the fact that she's in
 2.
 3
     litigation?
 4
                  MS. SANTRA: Object to form.
                  THE WITNESS: I did not.
 6
     BY MS. ROBINSON:
                  And you understand that pain
 7
            Q.
     is pretty much subjective. Right?
 8
                  MS. SANTRA: Object to form.
 9
                  THE WITNESS: I mean, I
10
11
            think pain has certainly different
            layers of quality and
12
13
            significance.
     BY MS. ROBINSON:
14
                  Did you find anything during
15
            0.
16
     the course of your examination that you
     felt would prevent her from having sexual
17
18
     intercourse?
                  MS. SANTRA: Object to form.
19
                  THE WITNESS: Well, I think
20
            the term "prevent," it probably
21
22
            has multiple layers, too. Are you
            speaking about kind of
23
24
            mechanically?
```

```
Page 105
                                  Yes.
                  MS. ROBINSON:
 1
 2
                  MS. SANTRA: Object to form.
 3
                  THE WITNESS:
                                 I mean, with
 4
           the exception of the scar tissue
            and the tenderness to it around
 5
            the area of her sling, no.
 6
 7
     BY MS. ROBINSON:
                  Speaking specifically about
 8
            Q.
     the scar tissue and the tenderness, are
 9
     you able to testify that that in and of
10
11
     itself is significant enough to prevent
12
     sexual intercourse?
                  Well, this is one of these
13
            Α.
     areas where we have to kind of jump from
14
15
     one particular arena to the other.
                  So I'm understanding through
16
17
     an interview and exam with this patient
18
     that it's painful, so kind of the
19
     pre-answer premise to your question is
20
     that intimacy is so painful for her that
     she doesn't want to have it.
21
22
                  That being said, could an
     average-sized -- not to be graphic, but
23
24
     an average-sized penis be inserted into
```

```
Page 106
    her vagina? I would say the answer to
1
2
     that would be yes.
                  You have treated -- well,
 3
            Ο.
     have you treated patients who come to you
 4
 5
     and do not have sex because they have
     pain during sexual intercourse?
 6
 7
            Α.
                  Yes.
                  And is it fair to say that
 8
            Ο.
     many of those patients have never had a
 9
10
     TVT sling placed?
                  MS. SANTRA: Object to form.
11
                  THE WITNESS: Some of them,
12
13
            yes.
14
     BY MS. ROBINSON:
                  Is it fair to say that, you
15
            Ο.
     know -- well, I'm not talking about the
16
     TVT sling. I'm talking about any sling.
17
18
            Α.
                  Right.
19
            Q.
                   Okay.
                   And in those instances, are
20
     they there so that you can help them have
21
22
     more comfortable sexual intercourse?
23
                   Yes.
            Α.
24
                  And what is it that you
            Q.
```

. Page 107 recommend that they do? 1 Well, it depends on what's 2 Α. 3 causing the dyspareunia. And there are many different 4 0. 5 potential causes of dyspareunia; correct? Α. There are -- there are 6 7 multiple causes. And, for example, can you 8 Q. tell me that on the one or two occasions that Mrs. Ward had attempted sexual 10 intercourse with her husband, that her 11 12 pain was not caused by either her -- the ovarian cyst she had or the endometrial 13 problems that she has? 14 MS. SANTRA: Object to form. 15 16 THE WITNESS: Well, I can speak to you about my discussions 17 18 with her and what she recounted to 19 me. MS. ROBINSON: Well -- okay. 20 Go ahead and do that. 21 22 THE WITNESS: So it was a number -- it was a number -- she 23 24 had sex about three or four times.

		Page 108
1	She described the pain as being in	:
2	both the vaginal canal and in the	
3	groins; but when she described it	
4	based on her husband's experience,	
5	she felt like he was placing a	
6	rough stick inside of her with	
7	more pain on the right than the	
8	left.	
9	BY MS. ROBINSON:	
10	Q. Do you know whether that was	
11	consistent with her deposition testimony	
12	or not?	
13	A. I don't specifically recall	,
14	location language in her deposition. I'd	
15	5 have to re-look at it again to see.	
16	MS. ROBINSON: Okay. We'll	
1	7 move on.	
18	8 Can I get an idea of how	
19	much time I have on the record	
. 20	0 left?	
2	1	
22	2 (A discussion off the record	
2	occurred.)	
2	4	

```
Page 109
                  THE COURT REPORTER:
 1
                                        Eight
 2
            minutes left.
                  MS. ROBINSON: So I will
 3
           stop here at 11:10. Okay. So,
 4
 5
            Doctor, let me move on a little
 6
            bit.
     BY MS. ROBINSON:
                  On page 2 of your report,
8
            Q.
     which is Exhibit 2, you list a number of
 9
10
     common complications with TVT; is that
11
     correct?
12
            Α.
                  Yes.
                  Do we agree that you are not
13
     relating pain into her legs or thighs to
14
15
     the TVT; correct?
16
            Α.
                  Correct.
17
                  Do we agree that she does
            0.
     not have chronic inflammation of her
18
19
     tissue?
                   I would disagree with that.
20
            Α.
21
                   You didn't perform a biopsy.
            0.
22
     Right?
23
                   I did not.
            Α.
24
                   She never had her mesh
            Q.
```

```
Page 110
     explanted; correct?
 1
                  That's correct.
 2
            Α.
 3
            Ο.
                  Did you visualize any
 4
     discharge from her vagina during your
     examination?
 5
                   I did not.
 6
            Α.
                  Did you visualize -- did you
 7
            Q.
     use a speculum during your examination?
 8
                   I did.
 9
            Α.
                  Did you visualize any
10
            0.
     redness or inflamed areas around her
11
12
     urethra?
13
            Α.
                  I did not.
                 Doctor, you didn't find any
14
            Ο.
     scar bands; correct?
15
16
            Α.
                  I did not.
                   There was no vaginal
17
            0.
18
     shortening or stenosis; correct?
19
            Α.
                   Not that I identified, no.
20
            Q.
                   There was no erosion or
     exposure or protrusion of her mesh; is
21
22
     that correct?
                 No, ma'am.
23
            Α.
24
                   You did not find any nerve
            Q.
```

```
Page 111
     entrapment; correct?
 1
 2
            Α.
                   No.
 3
            Ο.
                   There was no roping or
 4
     curling of her mesh; is that correct?
 5
                   No.
            Α.
 6
                   There was no fraying;
            0.
 7
     correct?
                   That's correct.
            Ά.
 8
 9
                   There was no particle loss
            0.
     that you found; correct?
10
                   None that I could identify,
11
            Α.
12
     no.
                   There was no infection of
13
            Ο.
     her wound or infection of the site of her
14
15
     mesh; correct?
16
            Α.
                   No.
17
            0.
                   Do you know if her TVT was
     mechanically cut or laser cut mesh?
18
            Α.
                   I do not know.
19
20
                  As a result of that, is it
            Q.
21
     fair for me to say, Doctor, you cannot
     attribute any of her injuries to the fact
22
23
     that her mesh was either one or the
24
     other?
```

```
Page 112
                  MS. SANTRA: Object to form.
 1
 2
                  THE WITNESS: That's
 3
            correct.
 4
     BY MS. ROBINSON:
 5
                  And there was no degradation
            0.
     of her mesh. Do we agree with that?
 6
 7
                  None that I could identify.
            Α.
                  Doctor, with regard to your
 8
            0.
 9
     general opinions regarding the IFU,
10
     you've never written an IFU; is that
11
     correct?
12
            Α.
               I have not.
               You've never worked for a
13
            Ο.
     device company and been asked to write
14
15
     their IFU; correct?
1.6
                  Only read them, not write
            Α.
17
     them.
                  You've only -- you've never
18
            Q.
     worked for FDA and been asked to review
19
20
     IFUs; correct?
21
                  I've not.
            Α.
22
                  Do you know of any
            Q.
23
     regulation with regard to what is
24
     required by a manufacturer when drafting
```

```
Page 113
     and finalizing an IFU?
 1
 2
            Α.
                   No.
 3
            Ο.
                   You are citing to an AMA
 4
     informed consent requirement and that's
     8.08; is that correct?
 5
 6
            Α.
                   Yes.
 7
            0.
                   And what does that relate to
     generally?
 8
 9
                   That's a policy regarding
            Α.
10
     informed consent.
                   Does that require doctors
11
            Q.
     and physicians to give informed consent
12
     to their patients?
13
14
            Α.
                   Correct.
                   That's not a regulation that
15
            Ο.
     is placed upon manufacturers; correct?
16
1.7
            Α.
                   Well, no, not directly.
                   And you agree with me that
18
            0.
     the doctor is required to inform the
19
     patient; correct?
20
21
            Α.
                   Correct.
                   You've read Dr. DeLeary's
22
            Q.
23
     transcript; correct?
24
                   I did.
            Α.
```

```
Page 114
                  And you know that he states
            Ö.
 1
 2
     that he was aware that dyspareunia was a
 3
     potential risk at the time he implanted
     the TVT; correct?
                  MS. SANTRA: Object to form.
 5
                  THE WITNESS: Yes.
 6
 7
     BY MS. ROBINSON:
 8
                  He was aware that scarring
            Ο.
 9
     could be a part of that; is that correct?
                  MS. SANTRA: Object to form.
10
11
                  THE WITNESS: Yes.
12
     BY MS. ROBINSON:
13
               He was aware that voiding
            0.
14
     dysfunction could occur; is that correct?
15
                  MS. SANTRA: Object to form.
16
                  THE WITNESS: Yes.
     BY MS. ROBINSON:
17
18
                  He was aware that those
            Q.
19
     conditions could be mild, severe;
20
     correct?
21
                  MS. SANTRA: Object to form.
22
                  THE WITNESS: Yes.
23
     BY MS. ROBINSON:
                  That they could be short
24
            Q.
```

```
Page 115
     term or long term; is that correct?
 1
                  MS. SANTRA: Object to form.
 2.
 3
                  THE WITNESS: Correct.
 4
     BY MS. ROBINSON:
                  Doctor, with regard to your
 5
            0.
     testimony about the mesh contracture, can
 6
     you testify to a reasonable degree of
7
     medical certainty having not seen her
8
     mesh that it -- that the mesh itself
 9
     actually contracted?
10
11
            Α.
                  Yes.
                  And what's that based on?
12
            0.
13
            Α.
                  Well, it's based primarily
     on my physical exam findings, which
14
15
     indicated some tautness and tightness to
16
     the area where the sling was located.
                  And that makes you think
17
            Ο.
     that the mesh itself contracted or simply
18
19
     that there was wound contracture?
                  Well, really, typically,
20
            Α.
     it's a combination of both.
21
22
                  Can you tell me what degree
            Q.
2.3
     it contracted?
                  Well, that's very difficult
24
            Α.
```

```
Page 116
     to do in the absence of histological or
 1
     electron micrograph-type specimens.
 2
 3
            Ο.
                  When did you last implant a
     polypropylene mesh?
 4
            Α.
 5
                  About three weeks ago.
                  If that patient develops
 6
            0.
 7
     dyspareunia in the future, do you believe
     it's caused by a defect in the mesh?
 8
 9
                  MS. SANTRA: Object to form.
                  THE WITNESS: Well, I think
10
11
            that's a difficult question to
12
            answer because I think to some
13
            degree it depends on, number one,
            which kind of mesh and, secondly,
14
15
            it would depend to some degree on
16
            why the patient is having the
17
            dyspareunia; in other words, is it
            something I would attribute to, in
18
19
            this example, the sling or
20
            something else.
21
     BY MS. ROBINSON:
22
                  Well, let's back up for a
            0.
23
     second then and let's say the type of
24
     mesh that you currently use is a type 1
```

```
Page 117
     lightweight macroporous mesh; correct?
 1
 2
                  Yes.
            Α.
 3
            Ο.
                  And TVT is a type 1
 4
     lightweight macroporous mesh; correct?
 5
            Α.
                  Yes.
 6
            0.
                  Have you ever sat down to
 7
     compare those two types of meshes side to
     side?
 8
                  Only holding them in my hand
 9
            Α.
     type comparisons, not more sophisticated
10
11
     comparisons.
                  You've never studied them.
12
            0.
13
     Right?
                  Not in depth like a
14
            Α.
    molecular or biomechanical type of person
15
16
     might, no.
17
            Q.
                 And --
                  MS. SANTRA: I think time is
18
19
            up, Susan.
20
     BY MS. ROBINSON:
                  You're not testifying that
21
            Q.
22
     that mesh is an alternative to the TVT
23
     mesh; is that correct?
                  MS. SANTRA: I'm going to
24
```

```
Page 118
            instruct him not to answer the
 1
 2
            question because time is up.
                                  All right.
 3
                  MS. ROBINSON:
 4
           Go ahead.
 5
                  MS. SANTRA: I actually need
            just a two-minute break, if that's
 7
            all right, so we're going to go
 8
            off the record for a minute.
 9
                   (A recess was taken from
10
            11:11 a.m. until 11:15 a.m.)
11
12
                     EXAMINATION
13
14
     BY MS. SANTRA:
                  Dr. Walmsley, you performed
15
            Ο.
16
     a differential diagnosis when coming to
     your opinions about Ms. Ward; is that
17
18
     correct?
19
            Α.
                  Yes, ma'am.
20
                  And when you were performing
            Q.
     your differential diagnosis, did you take
21
22
     into account her other medical
23
     conditions?
                  Yes, I did.
24
            Α.
```

```
Page 119
                  And I'll just -- I have a
 1
            Q.
     list, but did you take into account her
 2
     past -- or history of infertility, kidney
3
 4
     stones, anxiety, panic attacks,
 5
     migraines, lumbar back pain, abdominal
     pain, hiatal hernia, constipation, and
 6
 7
     weight gain of about 48 pounds when you
     were performing your differential
 8
     diagnosis on Ms. Ward?
 9
10
            Α.
                  Yes.
                  MS. ROBINSON: Object to
11
12
            form.
13
     BY MS. SANTRA:
                  And considering all her --
14
            Ο.
     all of those other medical conditions,
15
     did you still come to the conclusion that
16
     the TVT was a cause for her pelvic pain
17
18
     and dyspareunia?
19
            Α.
                  Yes.
                  MS. ROBINSON: Object to
20
21
            form.
22
     BY MS. SANTRA:
23
                  And did you still come to
            0.
     the conclusion to a reasonable degree of
24
```

```
Page 120
    medical certainty that her TVT was a
 1
     cause for her urinary dysfunction?
 2
 3
            Α.
                  Yes.
                  And when you were performing
            0.
 5
     your differential diagnosis for Ms. Ward,
 6
     did you take into account her surgical
 7
     history?
                  I did.
 8
            Α.
                  And that included a
 9
            Ο.
     hysterectomy in 1991, kidney stones in
10
     1996, cholecystectomy, a D & C in 2006 --
11
12
                  MS. ROBINSON: Object to the
            form.
13
14
     BY MS. SANTRA:
15
                -- and a -- I'm sorry.
            0.
     Strike that. Let me start over with
16
17
     that.
18
                  Ms. Ward's surgical history
19
     included kidney stones, a
20
     cholecystectomy, a D & C, and a
21
     laparoscopically assisted vaginal
22
     hysterectomy with BSO; is that correct?
23
            Α.
                  Correct.
                  And did you take into
24
            Q.
```

```
Page 121
     account her entire surgical history when
 1
     you performed your differential
 2
     diagnosis?
 3
           · A .
                  Yes.
 4
 5
                  MS. ROBINSON: Object to
 6
            form.
 7
     BY MS. SANTRA:
                  And did you still come to
 8
            0.
     the conclusion that the TVT mesh was a
 9
     cause for her injuries today?
10
11
            Α.
                  Yes.
1.2
                  MS. ROBINSON: Object to
                   I'm sorry. I don't mean to
13
            form.
            -- Hayleigh, I don't mean to get
14
            you off track. I'm just having a
15
16
            hard time getting my objection in
            before the doctor speaks.
17
                  MS. SANTRA: Sure. That's
18
19
            fine.
20
     BY MS. SANTRA:
                   I want to go to your opinion
21
            0.
22
     concerning the IFU. I think that's your
     general opinion number 1; correct?
23
            Α.
24
                   Yes.
```

```
Page 122
                  And what is your experience
 1
            Q.
     with IFUs?
 2.
 3
                  I use IFUs in gaining
            Α.
     experience about medical devices and
 4
 5
     procedures relating to those devices.
 6
     rely upon it to help me not only guide me
 7
     technically with the procedure, but allow
     me to understand the indications,
 8
 9
     contraindications, and potential
     complications relating to the use of the
10
     medical device.
11
12
                  And so does your opinion on
            Ο.
     the TVT's IFU as of 2005 come from your
13
14
     experience with IFUs as a practicing
15
     urologist who relies on IFUs for medical
     devices --
16
17
                  MS. ROBINSON: Object to
            form.
18
19
     BY MS. SANTRA:
20
            0.
                  -- every day in your
21
     practice or regularly in your practice?
22
            Α.
                  Yes.
                  And early on in the
23
            Q. .
     deposition, counsel was asking you what
24
```

Page 123

- 1 you knew as far as complications from the
- 2 TVT in 2005. Do you remember those
- 3 questions?
- 4 A. Yes.
- 5 Q. And can you explain your
- 6 opinion as to why you think the warnings
- 7 or the adverse reactions that were put in
- 8 the IFU in 2005 were inadequate to inform
- 9 doctors about the true risks of the TVT?
- 10 A. Certainly. I think the
- 11 first is in the types, quantitatively the
- 12 different types, of adverse reactions
- 13 that can be expected, number one. And
- 14 then, number two, the nature,
- 15 significance, chronicity, and/or severity
- of those adverse reactions as it relates
- 17 to the fact that some of them are
- 18 specifically mesh related.
- 19 Q. And so in 2005, if someone
- 20 understood that there may have been a
- 21 possibility for pain with the TVT
- 22 implant, does their understanding as to
- 23 the nature and chronicity and character
- 24 of that pain matter? Does that make

		Page 124
1	sense?	
2	A. Yes.	
3	MS. ROBINSON: Object to	·
4	form.	
5	THE WITNESS: Yes, and to	
6	that end, having pelvic pain after	
7	any incontinence procedure, yes,	
8	that's an expectation. That being	
9	said, when using synthetic mesh as	
10	a means of performing that	
11	antiincontinence procedure, the	
12	pelvic pain that is inherently	
13	related to the mesh is actually	
14	quite different from the pelvic	
15	pain one might expect from, let's	
16	say, a nonmesh-related	
17	antiincontinence surgery.	
18	So I think that for an	
19	antiincontinence surgery to read	
20	about pelvic pain from a	
21	mid-urethral sling, for example,	
22	he or she may be drawing a	
23	conclusion that, oh, well, this is	
24	the typical kind of pain that I	

```
Page 125
            would expect after, let's say, an
1
            autologous fascial sling procedure
 2
            or a Burch procedure, where in
3
            fact it's different simply because
 4
            the kind of pain that mesh can
 5
            induce is different.
 6
7
     BY MS. SANTRA:
                  And we were talking about
8
            Ο.
     your examination of Ms. Ward in that you
 9
     said if you were treating her as a
10
11
     treating physician, you may order a
     urodynamic study if you were to see her
12
13
     again; is that right?
14
            Α.
                  I would consider it, yes.
                  Could you treat Ms. Ward
15
            Q.
     without doing a urodynamic study if she
16
     was your patient?
17
                  Yeah, I probably would, in
18
     fact, treat her in anticipation or before
19
20
     a urodynamic study.
                  And so even without doing
21
            0.
22
     that urodynamic study, you're confident
     that you have enough information to
23
     render your opinions about Ms. Ward to a
24
```

Page 126 reasonable degree of medical certainty? 1 That's correct. 2 ' Α. And you also had talked 3 Q. about the fact that you performed a cough 4 stress test of Ms. Ward; is that correct? 5 I did, albeit not typically, 6 Α. because typically, a cough stress test is 7 done when the bladder's full. In the 8 instance of Mrs. Ward, I was doing the 9 cough stress test primarily to see if 10 there was any urethral hypermobility. 11 Because her bladder only had 12 13 15 cc's in it, even if she really did have genuine stress incontinence, it 14 might be harder to elicit incontinence 15 with a patient lying down on her back 16 with not much urine within her bladder. 17 So the fact that she did --1.8 she had a negative cough stress test on a 19 20 day that she went to see you when she didn't have a lot of urine in her 21 bladder, that does not mean that she has 22 no recurrent stress urinary incontinence; 23 is that correct? 24

```
Page 127
 1
            Α.
                  That's correct.
                  When you were performing
 2
            Q.
     your differential diagnosis of Ms. Ward's
 3
     overactive bladder, did you consider
 4
 5
     other factors such as her caffeine
 6
     intake, her weight, her lifestyle, the
 7.
     fact that it could be idiopathic, the
 8
     fact that she has a history of
     constipation, and her diabetes?
 9
            Α.
                  I did.
10
                  And did you still conclude
11
            Q.
12
     that the TVT is a cause of her overactive
13
     bladder symptoms?
                  MS. ROBINSON: Object to
14
15
            form.
                   THE WITNESS:
16
                                 Yes.
17
     BY MS. SANTRA:
                  And how do you know that or
18
            0.
19
     how did you rule the TVT in?
20
            Α.
                   Well, in large part, because
     that the complaints of her voiding
21
22
     dysfunction occurred in a temporal
     fashion, consistent with TVT-related
23
24
     issues.
```

Page 128 For example, the TVT 1 undergoes a shrinkage and a contraction. 2 That in part is the mesh; that in part is 3 wound contraction. And that over time, 4 the fact that she went from actually 5 6 having benefit from the TVT as far as voiding dysfunction to then developing 7 significant voiding dysfunction certainly 8 is very supportive of the TVT as being a 9 causative factor. 10 I wouldn't, to the points 11 12 made earlier, rule out other issues. For 13 example, the fact that she's gained 14 weight would certainly contribute to 15 that, less likely the constipation which she had both before and after her 16 surgeries. And the diabetes, I wouldn't 17 weight necessarily as heavily only 18 19 because it's only been ongoing for 20 several years. So I wouldn't necessarily 21 22 rule out other causes entirely as 23 contributing to her voiding dysfunction, 24 but certainly from a time course

```
Page 129
     standpoint and clinically, based on the
 1
     kind of incontinence she has, which is
 2
     mixed incontinence, which is typically
 3
     the kind of voiding dysfunction one can
 4
 5
     see as a complication of TVT, it's
     certainly a cause.
 6
 7
                  And in your differential
            0.
     diagnosis for Ms. Ward's pelvic pain, did
 8
     you consider her history of constipation,
 9
     endometritis, ovarian cysts, and her
10
     other surgeries?
11
12
            Α.
                  Yes.
                  And you still came to the
13
            Q.
     conclusion that the TVT is a cause for
14
15
     her pelvic pain?
16
                  Correct.
            Α.
                  And -- and specifically
17
            0.
     about the endometritis, you said you
18
19
     couldn't rule it out up until she had a
20
     hysterectomy?
21
            Α.
                  Correct.
                  Can you explain that?
22
            Q.
                  So there's no evidence of
23
            Α.
     her having any aberrant endometrial
24
```

```
Page 130
     tissue outside of her cervix, uterus, and
 1
     fallopian tubes, and ovaries for that
 2
     matter. As a result, and moreover, she
 3
     had her -- after her hysterectomy, her
 4
 5
     pelvic pain was no better or no worse.
 6
                  So it leads me to conclude
 7
     that, first off, there's no endometrial
     tissue remaining to cause any sort of
 8
     endometritis-related pain, number one,
10
     and, number two, the fact that her
11
     surgery really had no impact on it
12
     suggests to me that the surgery itself
13
     was not -- the hysterectomy, that is -- a
     causative factor as it relates to her
14
15
     pelvic pain.
16
                  And your examination and
            0.
     interview of Ms. Ward, did you conduct
17
18
     those the same way you would conduct them
19
     for any patient who's coming into your
20
     office?
21
            Α.
                  Yes.
22
                  MS. ROBINSON:
                                  Object to
23
            form.
     BY MS. SANTRA:
24
```

```
Page 131
 1
            Q.
                  And so the fact that the
     litigation is ongoing had no effect on
 2
     your -- your examination or interview or
 3
     the way you conducted those; is that
 4
 5
     correct?
 6
            Α.
                  That's correct.
 7
                                  Object to
                  MS. ROBINSON:
            form.
 8
 9
     BY MS. SANTRA:
                  Regarding your pelvic exam
10
            0.
     of Ms. Ward, you reproduced Ms. Ward's
11
12
     pain on pelvic exam with your two
13
     fingers; is that correct?
14
            Α.
                  Correct.
15
                  MS. ROBINSON: Object to
16
            form.
17
     BY MS. SANTRA:
                  Would the activity during
18
19
     sex of the husband's penis be, for lack
20
     of a better word, would that be more
     vigorous or -- than your exam?
21
22
            Α.
                  Yes.
23
                  MS. ROBINSON:
                                  Object to
24
            form.
```

```
Page 132
 1
                  THE WITNESS: I would think
 2
            so, yes.
     BY MS. SANTRA:
 3
                  And so from the fact that
 4
            Ο.
 5
     upon your exam with your two fingers Ms.
 6
     Ward had pain in the -- in the vaginal
 7
     sulci, does that lead you to conclude
 8
     that she would also have that pain upon
 9
     intercourse?
                  MS. ROBINSON: Object to
10
11
            form.
12
                  THE WITNESS: Yes.
13
     BY MS. SANTRA:
                  And can you say that to a
14
            0.
15
     reasonable degree of medical certainty?
16
            Α.
                  I can.
                  Going to your case-specific
17
            Q.
18
     opinions, you mention two things, scar
19
     plate and contraction/shrinkage as it
20
     relates to Ms. Ward.
21
                  First, how do you know that
     a scar plate formed with Ms. Ward's TVT?
22
23
                  Based on my physical
            Α.
     examination and the fact that when I
24
```

Page 133 1 examined her, she had indurating tissue around and extending up to the vaginal 2 sulci where her sling was located. That 3 was the scar plate that I discuss in my 4 5 report. 6 And then what evidence did 0. . 7 you find that there was contraction or shrinkage of Ms. Ward's TVT? 8 9 So that was based on the appreciation of the sling in certain 10 areas feeling taut or tense to my 11 12 palpation. 13 Once again, that is a 14 shrinkage that I attribute both to the mesh itself contracting, but also to 15 there being some degree of wound 16 contraction as well. 17 And this -- the scar plate 18 19 and shrinkage and contraction of the TVT 20 is what is contributing to Ms. Ward's pelvic pain and dyspareunia; is that 21 22 right? 23 Correct. Α. Object to 24 MS. ROBINSON:

```
Page 134
1
            form.
     BY MS. SANTRA:
2
3
            Ο.
                  And does the scar plate
     formation and the contraction or
 4
5
     shrinkage of the TVT also contributing to
 6
    Ms. Ward's urinary issues?
7
            Α.
                  Yes.
8
                  MS. ROBINSON: Object to
 9
            form.
     BY MS. SANTRA:
10
                  Counsel asked you earlier
11
            0.
12
     about whether there was chronic
13
     inflammation. Do you remember that
14
     question?
15
               I do.
            Α.
                 How do you know that Ms.
16
            Ο.
     Ward has chronic inflammation of her
17
18
     tissue?
19
                  Well, I think, to be fair,
20
     the best way to demonstrate that would be
21
     to literally remove the mesh and examine
     it pathologically, during which time, if
22
     there were chronic inflammation, you'd
23
     see that identified. You'd see a foreign
24
```

Page 135 1 body response to the mesh-based material. 2. So my conclusion that there's chronic inflammation is based on 3 my physical exam and the fact that there 4 5 is a scar plate that is present that 6 continues to be tender on examination, 7 which to me is consistent with a chronic 8 inflammatory process. And are you basing that on 9 your clinical experience in treating 10 women like Ms. Ward and your knowledge of 11 12 the medical literature? 13 Α. Yes. MS. ROBINSON: Object to 14 15 form. BY MS. SANTRA: 16 Counsel asked you whether 17 Q. the TVT was a cause for or contributing 18 19 to Ms. Ward's UTIs. Do you remember 20 that? Α. I do. 21 22 And I think you said you Q. think it is a cause for her UTIs. Can 23 24 you explain that?

		Page	136
1	MS. ROBINSON: Wait. I'm		
2	going to object to this. I'm		
3	going to object to this being		
4	outside the scope of his opinions		
5	he's rendered in his report		
6	MS. SANTRA: Well, if he		
7	MS. ROBINSON: on Mrs.		
8	Ward.		
9	I mean, nowhere in the four		
10	corners of his report does he		
11	relate UTIs to her TVT as being a		
12	potential injury she sustained as		
13	a result of the TVT. And I'm		
14	going to object. It's outside the		
15	scope and we are limiting him to		
16	the four corners of his report.		
17	MS. SANTRA: On the last		
18	page of his report, he		
19	specifically reserves the right to		
20	supplement and amend his opinions,		
21	and the point of this deposition		
22	is to is to clarify and explore		
23	his opinions as to Ms. Ward.		
24	If you don't want to		
1			

		Page	13	7
1 .	question him on it, that's fine,			
2	but I would like for him to state			
3	his opinion as to her UTIs on the			
4	record.			
5	MS. ROBINSON: I absolutely			
6	and totally disagree with that.			
7	If he wants to supplement his			
8	opinions, he can do it with a			
9.	supplemental report, which we will			
10	then take to the court and state			
11	it's out of bounds.			
12	There is no new information			
13	that he has that calls for any			
14	supplementation of his opinions.			
15	He had all of the information			
16	necessary to render a full report			
17	at the time he filed the report			
18	and I object to you trying to			
19	expand the scope of his opinions			
20	during this deposition during your			
21	direct examination.			
22	MS. SANTRA: He's gotten new			
23	medical records and new			
24	depositions have been taken since			

		Page	138
1	the reporting of his report on		
2	July 8th so		
3	MS. ROBINSON: If you look		
4	at his report as it is written, he		
5	has documented on the occasions		
6	where he has reported UTIs. He		
7	has sufficient information. He		
-8	could have rendered that opinion		
9	before.		
10	And I'm not I mean, I		
11	absolutely object to you exploring		
12	this area with him. It is outside		
13	the scope of his report and I	·	
14	object to any attempt at this		
15	deposition to expand his opinions.		
16	MS. SANTRA: Well, we may		
17	issue a supplemental report, and I		
18	guess we'll leave the deposition		
19	open if you all want to depose him		
20	on that.		
21	MS. ROBINSON: We'll just		
22	have to take that up later, but I		
23	was not prepared to depose him on		
24	that because it's not part of his		

```
Page 139
 1
            opinions.
                  MS. SANTRA: I'm going to
 2
 3
            move on.
     BY MS. SANTRA:
 4
                 On your reliance list, you
 5
            Q.
 6
     have included the materials in and
7
     reviewed for the TVT general causation
     reports; is that right?
8
 9
                 Yes.
            Α.
                  And you have also relied on
10
            Ο.
     the TVT general causation report issued
11
12
     in this case just in general as
13
     background for your case-specific
     opinions in this case; is that correct?
14
15
            Α.
                  Yes.
                  And isn't it true that
16
            Q.
     Ethicon puts in their 2015 instructions
17
     for use for the TVT that the TVT can
18
19
     cause acute and/or chronic pain in the
20
     groin, thigh, leg, pelvic, and/or
     abdominal area?
21
22
                  MS. ROBINSON: Object to
23
            form.
                  THE WITNESS: That's
24
```

```
Page 140
1
           correct.
    BY MS. SANTRA:
2
           O. And that the TVT can cause
3
    pain with intercourse that may not
4
5
    resolve?
6
           MS. ROBINSON: Object to
           form.
                 THE WITNESS: That's
8
9
           correct.
    BY MS. SANTRA:
10
           O. And that the TVT can cause
1.1
12
    acute and/or chronic pain?
13
                 MS. ROBINSON: Object to
           form.
14
15
            THE WITNESS: Yes.
16
    BY MS. SANTRA:
           Q. And that the TVT can cause
17
    voiding dysfunction.
18
19
                 MS. ROBINSON: Object to
20
           form.
                 THE WITNESS: Yes.
21
22
                 MS. SANTRA: I think that's
           all I have for you. Thank you,
23
24
           Doctor.
```

```
Page 141
                   THE WITNESS:
                                  Thank you.
 1
                                   Thank you,
 2
                   MS. ROBINSON:
 3
             Doctor.
                   THE WITNESS: Thank you.
 4
                   (Witness excused.)
 5
                   (Deposition concluded at
 6
            approximately 11:42 a.m.)
 7
 8
 9
10
11
12
13
14
15
16
17
18
19
20
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22
23
24
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1	
2	CERTIFICATE
3	
4	
5	I HEREBY CERTIFY that the
	witness was duly sworn by me and that the
6	deposition is a true record of the
	testimony given by the witness.
7	
	It was requested before
8	completion of the deposition that the
	witness, KONSTANTIN WALMSLEY, M.D., have
9	the opportunity to read and sign the
	deposition transcript.
10	
11	
12	Kin a Car
13	Rymberly a. Carlies
	KIMBERLY A. CAHILL, a
14	Federally Approved Registered
	Merit Reporter and Notary Public
15	Dated: August 15, 2016
16	
17	(The foregoing certification
18	of this transcript does not apply to any
19	reproduction of the same by any means,
20	unless under the direct control and/or
21	supervision of the certifying reporter.)
22	
23	
24	

		Page	143
1	INSTRUCTIONS TO WITNESS		
2			
3	Please read your deposition		
4	over carefully and make any necessary		
5	corrections. You should state the reason		
6	in the appropriate space on the errata		
7	sheet for any corrections that are made.		
8	After doing so, please sign		٠
9	the errata sheet and date it.		
10	You are signing same subject		
11	to the changes you have noted on the		
12	errata sheet, which will be attached to		
13	your deposition.		
14	It is imperative that you		
15	return the original errata sheet to the		
16	deposing attorney within thirty (30) days		
17	of receipt of the deposition transcript		
18	by you. If you fail to do so, the		
19	deposition transcript may be deemed to be		
20	accurate and may be used in court.		
21			
22			
23			
24			

				Page 144
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			ERRATA	
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3	PAGE	LINE	CHANGE	
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ACKNO	OWLEDGMENT OF D	EPONENT		
	I,		, do	
hereby cert:	ify that I have	e read th	ıe	
foregoing pa	ages, 1 - 146,	and that	the	
same is a co	orrect transcri	ption of	the	
answers give	en by me to the	e questic	ns	
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corrections	or changes in	form or		
	:		1 .11	
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KONSTANTIN Subscribed to before median day o	WALMSLEY, M.D.  and sworn  e this	_, 20	DATE	
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KONSTANTIN Subscribed to before median day o	WALMSLEY, M.D.  and sworn  e this	_, 20	DATE	
KONSTANTIN Subscribed to before median day o	WALMSLEY, M.D.  and sworn e this f on expires:	_, 20	DATE	

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1			LAWYER'S NOTES	
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